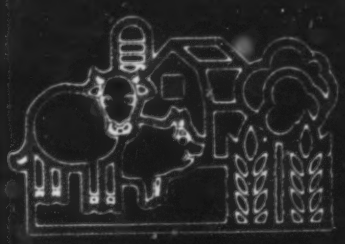

1982 MANITOBA AGRICULTURE YEARBOOK

MANITOBA AGRICULTURE

FOREWORD

This publication is the twentieth in the Yearbook series initiated in 1963. The same format, which include recent and historical data from 1948, has been continued for the convenience of users. In addition, this issue contains estimates and data converted to the International Standards. The metric conversion factors used are shown in the Sources and Methods Section. Minor changes are also made annually whenever new or more detailed information becomes available. Revisions in previous years' estimates are made as more recent and more accurate data are received.

The census division and crop district boundaries were changed in 1976. The first small area estimates using new boundaries were made in 1977. These estimates by crop districts are made annually for seeded area and production of wheat, oats, barley, flaxseed, canola (rapeseed) and hay; cattle and hog numbers on farms, July 1; and, commercial marketings of cattle and hogs.

Cooperation between Statistics Canada and Manitoba Agriculture is maintained so as to secure and to present the best possible agricultural statistics. The assistance of many contributors of information received from other government departments, farm businesses, farmer organizations and farmers is acknowledged. Sincere appreciation is extended to the secretarial staff of the Economic Analysis and Policy Development Branches and, in particular, Mrs. Terri Last for typing, collating and editing the manuscript.

The completion and assembly of all material were done by Bob Ward, Statistical Analyst of the Economic Analysis Branch, Manitoba Agriculture.

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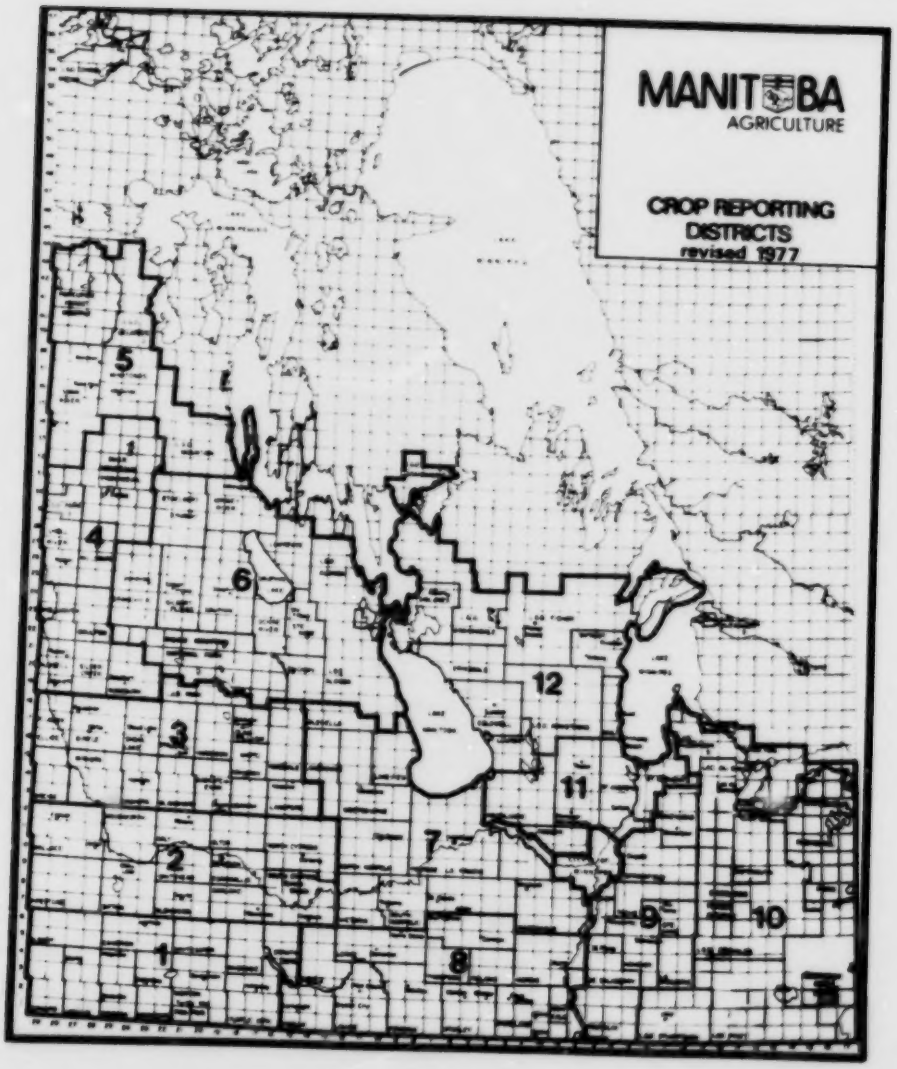
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1982 IN BRIEF
VALUE OF FARM PRODUCTION

The total value of farm production in 1982 was $2 015 million, an increase of 1 2 percent from 1981. Although the total value of production has increased relative to the past four years, the rate of increase has declined. Lower prices for grains and oilseeds and a reduction in seeded area and yields for special crops resulted in a 1 2 percent decline in the value of crop production from the 1981 level. However, strength in the hog market contributed to a 7 3 percent increase in the value of livestock production which, in total, aided in off-setting the decline in the crops sector. The value of dairy production increased by 10 8 percent while poultry production value declined by 0 8 percent from 1981 levels.

Farm Production Value, Manitoba, 1980 - 1982

	1980	1981	1982
	(million dollars)		
Crops	1 122 0	1 451 0	1 434 0
Livestock	533 0	524 0	562 0
Honey & Wax	9 3	10 7	11 0
Other (Fur, P.M.U., Forest Products, etc.)	4 7	5 3	8 0
TOTAL	1 669 0	1 991 0	2 015 0

Cash Income

Farm cash income includes the proceeds from the sale of agricultural products sold off the farm through the regular market channels. All deficiency, supplementary and final Canadian Wheat Board payments are included. In 1982, cash income was estimated at $1 686 077 000, an increase of 15 2 and 1 3 percent over 1980 and 1981, respectively.

Farm Net Income

Realized farm net income is determined by summing total cash receipts plus income in kind and subtracting cash and overhead expenses. In 1982, realized farm net income declined by 13 2 percent from 1981 as a result of a 3 8 percent increase in operating and depreciation costs. Realized net income per farm in 1982 was estimated at $7 645.

Total farm net income equals realized farm net income less the value of inventory change. In 1982, the value of inventory increased by $110 624 000 or 59 1 percent of the change that occurred in 1981. The lower value of inventory change in 1981 was a factor influencing the 24 8 percent decline in 1982 total net income.

Farm Net Income Summary, 1980 - 1982

	1980	1981	1982
	(thousand dollars)		
Farm Cash Receipts	1 463 599	1 665 170	1 686 077
Income in Kind	17 357	18 262	17 820
Realized Gross Income	1 480 956	1 683 432	1 703 897
Operating & Depreciation Costs	1 215 950	1 425 313	1 479 900
Realized Net Income	265 006	258 119	223 997
Value of Inventory Change	-205 277	187 122	110 624
TOTAL NET INCOME	59 729	445 241	334 621

Crop production

The total area cropped in 1982 was estimated at 4 375 400 hectares (10 811 254 acres), down 1 7 percent from 1981. Increases of 2 6, 5 3, 28 6 and 41 7 percent in the seeded area to wheat, rye, flaxseed and canola (rapeseed), respectively, were off-set by a 14 9 percent decline in the area seeded to barley. With the exception of canola (rapeseed), grain corn and buckwheat, yields exceeded 1981 levels.

In absolute dollars, total farm operating and depreciation expenses were the highest on record, up 3 8 percent from 1981. Increased expenditures on repairs to farm buildings and equipment, and higher fuel, utility and insurance costs were the major factors influencing total costs upwards. In 1982, interest costs were down 10 5 percent from the 1981 level but continued to account for 14 2 percent of total operating expenditures.

Spring field work and seeding became general by the second week in May. Favourable weather conditions throughout May and June enabled seeding operations to progress satisfactorily across much of the province. Above normal precipitation in July eased concern over dry soil conditions and, in combination with warm temperatures, set the stage for record crop production. Harvesting operations were started by August 18 and became general the following week. Record yields were established for wheat, oats, barley and flaxseed.

CROPS

1982 Summary of Production

Crop	Hectares	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value Per Tonne $	Farm Value Total ($000)
Wheat	1 619 000	2 300	3 728 000	150.67	561.700
Oats	243 000	2 300	571 000	88 77	50.690
Barley	809 000	2 900	2 373 000	104 27	247.430
Flaxseed	364 100	1 200	437 000	291 65	127.452
Canola (Rapeseed)	344 000	1 163	401 000	278 96	111.864
Rye	80 800	2 260	183 100	117 18	21.456
Mixed Grains	48 600	2 695	131 000	124 58	16.320
Grain Corn	81 000	3 136	254 000	104 72	26.600
Field Peas	44 500	1 836	81 700	192 97	15.766
Buckwheat	46 500	468	21 800	316 65	6.903
Sunflowers	71 000	1 233	87 600	197 77	17.325
Mustard Seed	10 100	980	9 900	241 41	2.390
Forage Seeds	—	—	—	—	5.025
Other Special Crops	49 400	—	—	—	16.943
Tame Hay	506 000	4 480	2 268 000	54 81	124.300
Silage Corn	31 200	15 400	481 000	18 31	8.809
Sugar Beets	11 200	33 100	372 000	37 13	13.814
Horticulture					
Potatoes	16 000	16 500	263 400	115 79	30.500
Other Vegetables	—	—	—	—	8.955
Greenhouse & Mushrooms	—	—	—	—	6.200
Nursery Products & Sod	—	—	—	—	10 000
Miscellaneous	—	—	—	—	4.000
	4 375 400				1.434.442

	Acres	Yield Per Acre (bushels)	Production (bushels)	Farm Value Per Bushel $	Farm Value Total ($000)
Wheat	4,000,000	34.3	137,000,000	4 10	561,700
Oats	600,000	61.7	37,000,000	1.37	50,690
Barley	2,000,000	54 5	109,000,000	2.27	247,430
Flaxseed	900,000	19 1	17,200,000	7 41	127,452
Canola (Rapeseed)	850,000	20 8	17,700,000	6.32	111,864
Rye	200,000	36 0	7,200,000	2.98	21,456
Mixed Grains	120,000	53 3	6,400,000	2 55	16,320
Grain Corn	200 000	50.0	10,000,000	2 66	26,600
Field Peas	110,000	27 3	3,003,000	5.25	15,766
Buckwheat	115,000	8.7	1,000,500	6.90	6,903
		(pounds)	(pounds)	(per pound)	
Sunflowers	175,000	1,100	192,500,000	090	17,325
Mustard Seed	25,000	877	21,925,000	109	2,390
Forage Seed	—	—	—	—	5,025
Other Special Crops	122,000	—	—	—	16,943
		(tons)	(tons)	(per ton)	
Tame Hay	1,250,000	2 0	2,500,000	49 72	124,300
Silage Corn	77,000	6.9	530,000	16 62	8,809
Sugar Beets	27,754	14 8	409,925	33 70	13,814
		(cwt)	(cwt)	(per cwt)	
Horticulture					
Potatoes	39,500	147.0	5,807,000	5.25	30,500
Other Vegetables	—	—	—	—	8,955
Greenhouse & Mushrooms	—	—	—	—	6,200
Nursery Products & Sod	—	—	—	—	10,000
Miscellaneous	—	—	—	—	4,000
	10,811,254				1,434,442

WHEAT

Total production in 1982 was estimated at 3 728 000 tonnes (137,000,000 bushels), up 12.1 percent from last year. In 1982, prices were estimated to average $150.67 per tonne ($4.10 per bushel), down 10.7 percent from 1981. The value of the 1982 crop was estimated at $561,700,000.

Over the past twenty years, the area seeded to wheat has averaged 1 266 263 hectares (3,129,000 acres), although in the period 1969 to 1972 seeded area was approximately 405 000 hectares (1,000,000 acres) below the average. Record areas of 1 538 000, 1 578 000 and 1 619 000 hectares (3,800,000, 3,900,000 and 4,000,000 acres) were seeded in 1976, 1981 and 1982. Annual variations in seeded area are caused by weather conditions during planting and producers' responses to expected future market demand.

The area seeded, average yields and total production during the past two crop years are shown in the following table.

Crop District	Planted Hectares (000)		Yield per Hectare (kilograms)		Production (tonnes)	
	1981	1982	1981	1982	1981	1981
1	213	206	2 018	2 300	429 900	468 000
2	171	170	1 994	2 300	341 000	383 000
3	166	180	2 159	2 200	358 100	403 000
4	76	83	2 286	1 900	175 000	154 000
5	76	87	2 208	2 400	167 800	206 000
6	107	112	2 132	2 100	228 000	236 000
7	217	216	2 145	2 500	465 900	531 000
8	270	272	2 179	2 500	588 200	676 000
9	138	142	2 058	2 400	284 800	343 000
10	19	19	1 890	1 900	35 200	36 000
11	77	85	2 074	2 400	159 800	204 000
12	48	47	1 910	1 900	92 400	88 000
PROVINCE	1 578	1 619	2 105	2 300	3 326 100	3 728 000

	Planted Acres (000)		Yield per Acre (bushels)		Production (000 bushels)	
	1981	1982	1981	1982	1981	1982
1	526	509	30.0	33.8	15,794	17,200
2	422	419	29.7	33.6	12,529	14,086
3	410	445	32.1	33.3	13,155	14,816
4	189	206	34.0	27.4	6,431	5,652
5	187	215	33.0	35.1	6,166	7,554
6	264	276	31.7	31.4	8,378	8,669
7	537	535	31.9	36.5	17,115	19,504
8	668	672	32.3	36.9	21,609	24,844
9	342	351	30.6	35.9	10,465	12,603
10	46	46	28.1	29.1	1,293	1,339
11	190	211	30.9	35.6	5,869	7,514
12	119	115	28.5	28.0	3,396	3,219
PROVINCE	3,900	4,000	31.3	34.3	122,200	137,000

Durum wheat is included in total wheat production. Seeded area was estimated at 81 000 hectares (200,000 acres) in 1982, a decrease of 20 percent over 1981. Average yield was 2 247 kilograms per hectare (33.5 bushels per acre) compared to 1 940 kilograms per hectare (28.8 bushels per acre) in 1981. Total production was estimated at 182 000 tonnes (6,700,000 bushels), a decrease of 7.1 percent from 1981. Durum wheat production is grown primarily in the southernmost crop districts.

The following table presents the estimated percentage distribution of wheat on farms by grade, including carry-over from the previous year. In 1982, a greater proportion of the spring wheat graded below the first two grades than was the case in 1981, whereas with Durum wheat the opposite was true.

	Bread Wheat	
	1981	1982
	(percent)	
No. 1 C.W.R.S.	15.4	11.7
No. 2 C.W.R.S.	41.2	28.7
No. 3 C.W.R.S.	29.3	24.7
No. 1 & 2 Utility	12.5	14.2
Others	1.6	20.7
TOTAL ALL GRADES	100.0	100.0

	Durum Wheat	
	1981	1982
	(percent)	
No. 1 C.W. Amber Durum	1.5	—
No. 2 C.W. Amber Durum	10.0	8.0
No. 3 C.W. Amber Durum	36.3	50.0
No. 4 C.W. Amber Durum	40.3	34.7
No. 5 C.W. Amber Durum	11.9	7.3
TOTAL ALL GRADES	100.0	100.0

Protein content of wheat was slightly higher than in 1981, particularly in crop districts three and four. The variations among the different crop districts are shown in the following records for the last two years.

Percent Protein in Wheat

Crop District	1981 Mean	1981 Range	1982 Mean	1982 Range
1	14.3	9.9 - 17.1	14.1	10.6 - 17.5
2	14.3	10.6 - 17.8	14.3	10.5 - 17.6
3	13.5	9.7 - 17.3	14.1	10.8 - 17.9
4	13.5	9.3 - 17.3	14.9	10.8 - 17.8
5	13.4	9.9 - 17.7	13.6	10.3 - 17.0
6	13.2	10.0 - 16.5	13.6	9.5 - 16.2
7	13.9	10.0 - 16.8	13.9	9.5 - 16.8
8	14.2	10.5 - 18.0	13.9	10.8 - 16.6
9	13.7	9.6 - 16.3	13.5	10.0 - 15.9
10	12.7	12.2 - 13.8	13.6	13.0 - 14.2
11	13.7	9.8 - 16.6	13.6	10.7 - 17.3
12	13.5	10.3 - 16.5	12.8	9.6 - 15.2
PROVINCE	13.7		13.8	

Wheat sales since the beginning of the 1982-83 crop year increased approximately 27 percent from the previous year. In the period August 1 to the end of December, 1982, country elevator receipts were 1 375 900 tonnes (50.6 million bushels) compared to 1 158 100 tonnes (42.6 million bushels) for the corresponding period in 1981. Approximately 300 000 tonnes (11.0 million bushels) were used on farms for seed and feed.

Wheat prices during the period August 1 to December 31, 1982 fell below those for the same period in 1981. Durum wheat prices were also lower than in 1981. The average farm value for all wheat for the 1982-83 crop year was estimated at $150.67 per tonne ($4.10 per bushel) after deducting transport, handling, administration and storage charges.

1982 Wheat Crop Prices

— Dollars per Tonne at Thunder Bay —
— Wheat Board Quotations —

Grade	Jan.	Feb.	Mar.	Apr.	May	June	July
1 C.W. Red Spring 13.5%	220.45	215.43	201.89	203.59	200.57	204.70	209.81
2 C.W. Red Spring 13.5%	214.85	209.83	196.29	197.99	194.97	199.10	204.21
3 C.W. Red Spring	204.85	199.83	186.29	187.99	184.97	189.10	194.21
No. 1 Canada Utility	204.85	199.83	186.29	187.99	184.97	189.10	194.21
No. 2 Canada Utility	198.85	193.83	180.29	181.99	178.97	183.10	188.21
1 C.W. Amber Durum	211.64	215.17	204.96	203.13	203.96	210.44	203.50
2 C.W. Amber Durum	206.64	210.17	199.96	198.13	198.96	205.44	198.50
3 C.W. Amber Durum	201.64	205.17	194.96	193.13	193.96	200.44	193.50

	Aug.	Sept.	Oct.	Nov.	Dec.	Initial Payment 1982-83
1 C.W. Red Spring 13.5%	201.67	199.98	194.15	202.27	209.57	176.71
2 C.W. Red Spring 13.5%	196.07	194.38	188.55	196.67	203.97	168.71
3 C.W. Red Spring	186.07	184.38	178.55	186.67	193.97	163.71
No. 1 Canada Utility	186.07	184.38	178.55	186.67	193.97	159.71
No. 2 Canada Utility	180.07	178.38	172.55	180.67	187.97	148.71
1 C.W. Amber Durum	191.65	189.54	195.77	199.47	203.56	174.50
2 C.W. Amber Durum	186.65	184.54	190.77	194.47	198.56	171.71
3 C.W. Amber Durum	181.65	179.54	185.77	189.47	193.56	169.71

OATS

Total production was estimated at 571 000 tonnes (37,000,000 bushels) with a total farm value of $50,690,000, up 14.2 percent from 1981. Although production of oats for grain was up from last year due entirely to a 23.4 percent improvement in yield, overall production was down substantially from the pre-1977 period.

Crop District	Harvested Hectares (000)		Yield per Hectare (kilograms)		Production (tonnes)	
	1981	1982	1981	1982	1981	1982
1	26	26	1 917	2 400	49 600	63 000
2	42	44	1 745	2 500	72 700	108 000
3	23	23	2 024	2 400	45 800	55 000
4	13	12	1 997	1 800	26 700	21 000
5	9	11	1 898	2 100	17 700	24 000
6	31	32	1 921	2 200	59 100	70 000
7	33	32	2 027	2 500	66 400	80 000
8	19	14	2 066	2 800	38 400	39 000
9	18	18	1 928	2 300	35 100	42 000
10	5	6	1 616	2 300	8 500	14 000
11	12	9	1 844	2 700	23 200	24 000
12	12	16	1 662	1 900	19 500	31 000
PROVINCE	243	243	1 906	2 300	462 700	571 000

Crop District	Harvested Acres (000) 1981	1982	Yield per Acre (bushels) 1981	1982	Production (000 bushels) 1981	1982
1	64	64	50 3	63 6	3.218	4.072
2	103	110	45 8	63 7	4.716	7.006
3	56	57	53 1	62 2	2.971	3.547
4	33	29	52 4	46 3	1.730	1.342
5	23	26	49 8	58 9	1.145	1.531
6	76	79	50 4	57 6	3.828	4.554
7	81	78	53 2	66 3	4.306	5.175
8	46	35	54 2	71 9	2.492	2.517
9	45	44	50 6	62 6	2.277	2.753
10	13	16	42 4	55 4	551	886
11	31	23	48 4	68 1	1.501	1.567
12	29	39	43 6	52 6	1.265	2.050
PROVINCE	600	600	50 0	61 7	30.000	37.000

Oats for hay is not included in the above data. In 1982, an additional 20 200 hectares (50 000 acres) of oats were planted and cut for hay.

The quality of oats was improved in 1982 with approximately 9 1 percent of the crop grading above No. 1 Feed compared to 3 3 percent in 1981. The relative percentage of the crop grading at No. 1 Feed increased to 79 5 percent in 1982, up 13 2 percent from 1981.

Sales of oats have decreased slightly since the beginning of the crop year. In the period, August 1 to December 31, 1982, 22 100 tonnes (1 400 000 bushels) were delivered by producers to primary elevators. These data compare with a 1981 delivery total of 33 800 tonnes (2 200 000 bushels).

In the first half of the year, prices received by producers for oats were near equal to the 1981 average. However, by August, prices declined sharply and remained below the 1981 level for the balance of the year. The average 1982 oats price received by Manitoba producers was $88 77 per tonne ($1 37 per bushel).

1982 Oat Crop Prices

— Dollars per Tonne at Thunder Bay —
— Winnipeg Commodity Exchange Cash Quotations —

Grade	Jan.	Feb.	Mar.	Apr.	May	June	July
2 C W	140 67	141 38	128 01	121 59	129 00	122 72	114 68
Ex. 1 Feed	138 17	138 88	125 51	118 31	125 90	120 72	112 77
1 Feed	135 67	136 38	122 30	116 58	124 50	118 53	110 82
2 Feed	130 05	130 88	116 27	111 87	120 25	114 89	107 27
3 Feed	127 05	127 88	113 27	108 87	117 25	111 89	104 32

Grade	Aug.	Sept.	Oct.	Nov.	Dec.	Initial Payment 1982-83
2 C W	101 49	95 23	87 01	95 85	96 51	96 00
Ex. 1 Feed	99 49	92 33	84 01	92 85	93 56	92 00
1 Feed	94 83	90 12	82 91	90 77	92 41	90 00
2 Feed	91 31	86 71	79 41	87 27	88 91	85 92
3 Feed	88 33	83 62	76 41	84 27	85 91	82 92

BARLEY

Barley production was up 1.9 percent in 1982 compared to 1981. A total harvested area of 809,000 hectares (2,000,000 acres) and an average yield of 2,900 kilograms per hectare (54.5 bushels per acre) combined to produce 2,373,000 tonnes (109,000,000 bushels) in 1982, a new record production. The 1982 total farm value of production was $247,430,000, down 7.5 percent from 1981 as a result of lower per unit prices.

Crop District	Harvested Hectares (000)		Yield per Hectare (kilograms)		Production (tonnes)	
	1981	1982	1981	1982	1981	1982
1	87	83	2 480	3 000	216 600	247 000
2	110	91	2 297	3 000	251 700	273 000
3	133	123	2 507	2 900	334 100	256 000
4	45	41	2 324	2 100	105 300	87 000
5	49	39	2 286	2 600	112 800	103 000
6	64	53	2 254	2 600	145 100	138 000
7	131	105	2 593	3 200	338 700	333 000
8	152	119	2 760	3 400	420 200	408 000
9	68	55	2 486	2 900	170 000	161 000
10	9	9	2 050	2 600	17 400	23 000
11	56	52	2 340	3 100	129 700	159 000
12	47	39	1 888	2 200	88 000	85 000
PROVINCE	951	809	2 448	2 900	2 329 600	2 373 000

	Harvested Acres (000)		Yield per Acre (bushels)		Production (000 bushels)	
	1981	1982	1981	1982	1981	1982
1	216	206	46.1	55.2	9,948	11,370
2	271	224	42.7	56.1	11,562	12,557
3	329	305	46.6	53.6	15,344	16,342
4	112	101	43.2	39.4	4,837	3,977
5	122	97	42.5	48.9	5,183	4,739
6	159	131	41.9	48.3	6,663	6,326
7	323	260	48.2	58.8	15,557	15,300
8	376	294	51.3	63.8	19,299	18,756
9	169	136	46.2	54.4	7,808	7,401
10	21	23	38.1	46.1	801	1,059
11	137	128	43.5	56.9	5,958	7,286
12	115	95	35.1	40.9	4,040	3,887
PROVINCE	2,350	2,000	45.5	54.5	107,000	109,000

Quality of the 1982 crop in total was up from 1981, although the proportion of the top grade was down from 1981. The percentage grading No. 2 C.W. was 6.2 percent in 1982 compared to 9.9 percent in 1981 while 79.0 percent of the 1982 crop graded No. 1 Feed, up from 74.3 percent in 1981.

Grade	1981 percent	1982 percent
2 C.W. and higher, 2-Row and 6-Row	9.9	6.2
No. 1 Feed	74.4	79.0
No. 2 Feed and lower	15.7	14.8
TOTAL ALL GRADES	100.0	100.0

Barley sales were down in 1982 compared to 1981. Deliveries by producers to December 31, 1982 in the 1982-83 crop year totalled 418 900 tonnes (19,240,000 bushels), compared with the same date, 1981 (1981-82 crop year) figure of 515 500 tonnes (23,700,000 bushels).

Barley prices for all grades were down an estimated 9.0 percent from the average price in 1981. Prices in the first half of the year were approximately 11.0 percent higher than the following six months. The 1982 average farm price of barley was estimated at $104.27 per tonne ($2.27 per bushel).

1982 Barley Crop Prices

Grade	— Dollars per Tonne at Thunder Bay — — Winnipeg Commodity Exchange Cash Quotations — Jan.	Feb.	Mar.	Apr.	May	June	July
1 C.W. 6-Row	170.76	170.27	163.47	163.38	166.95	164.25	154.83
2 C.W. 6-Row	170.76	170.27	163.47	163.38	166.95	164.25	154.83
1 C.W. 2-Row	170.76	170.27	163.47	163.38	166.95	164.25	154.83
2 C.W. 2-Row	170.76	170.27	163.47	163.38	166.95	164.25	154.83
1 Feed	124.73	126.49	120.47	122.29	126.88	124.00	119.69
2 Feed	123.48	125.24	118.87	120.43	125.49	123.00	118.69
3 Feed	117.68	118.74	112.37	114.05	119.28	116.39	112.19

Grade	Aug.	Sept.	Oct.	Nov.	Dec.	Initial Payment 1982-83
1 C.W. 6-Row	130.67	118.69	116.10	123.99	125.20	112.93
2 C.W. 6-Row	130.67	118.69	116.10	123.99	125.20	111.93
1 C.W. 2-Row	130.67	118.69	116.10	123.99	125.20	112.93
2 C.W. 2-Row	130.67	118.69	116.10	123.99	125.20	111.93
1 Feed	101.75	92.70	91.00	98.72	101.13	110.00
2 Feed	100.75	91.70	89.23	97.43	100.13	107.43
3 Feed	94.44	85.70	84.23	92.27	94.63	102.43

FLAXSEED

Production increased 67.0 percent over 1981 because of a 28.6 percent increase in seeded area and a 29.9 percent improvement in yield. Manitoba produced an estimated 58.5 percent of Canadian production valued at $127,452,000 in 1982.

Crop District	Planted Hectares (000)		Yield per Hectare (kilograms)		Production (tonnes)	
	1981	1982	1981	1982	1981	1982
1	50.7	60.0	848	1 133	43 000	68 000
2	26.9	34.5	810	1 130	21 800	39 000
3	16.6	21.8	982	1 055	16 300	23 000
4	1.7	3.1	1 058	968	1 800	3 000
5	4.5	6.2	978	1 129	4 400	7 000
6	15.0	19.9	847	1 055	12 700	21 000
7	55.8	71.4	937	1 275	52 300	91 000
8	75.1	98.8	1 036	1 316	77 800	130 000
9	15.4	22.8	954	1 272	14 700	29 000
10	3.1	4.0	742	750	2 300	3 000
11	8.2	10.7	1 110	1 308	9 100	14 000
12	7.5	10.9	720	826	5 400	9 000
PROVINCE	280.5	364.1	923	1 200	261 600	437 000

	Planted Acres (000)		Yield per Acre (bushels)		Production (000 bushels)	
	1981	1982	1981	1982	1981	1982
1	125.4	148.2	13.5	18.0	1,693.4	2,669.0
2	66.5	85.3	12.9	18.0	856.8	1,538.0
3	41.1	53.8	15.6	16.8	642.4	897.0
4	4.2	7.8	17.1	14.7	71.7	115.0
5	11.2	15.3	15.4	17.3	172.2	265.0
6	37.2	49.1	13.4	16.7	498.6	821.0
7	138.0	176.5	14.9	20.4	2,059.5	3,596.0
8	185.6	244.1	16.5	21.1	3,063.0	5,140.0
9	38.0	56.4	15.2	20.0	577.6	1,128.0
10	7.8	10.0	11.5	13.2	89.6	132.0
11	20.4	26.5	13.5	20.0	356.7	541.0
12	18.6	27.0	11.7	13.3	218.5	358.0
PROVINCE	694.0	900.0	14.8	19.1	10,300.0	17,200.0

Quality of the 1982 crop was below that of 1981. Approximately 82.0 percent of the 1982 crop graded No. 1 C.W. compared to 95.0 percent in 1981.

FLAXSEED

Flaxseed deliveries declined in 1982. From August 1 to December 31, 1982, 114 600 tonnes (4 512 000 bushels) were delivered compared with 107 400 tonnes (4 200 000 bushels) during the same period in 1981.

Flaxseed prices in 1982 averaged approximately 9 5 percent below 1981 levels. Third quarter prices were lower in 1982 than 1981. Prices in general declined steadily throughout the year, although in April and May prices did strengthen for a short period. The average price for flaxseed in 1982 was estimated at $291 65 per tonne ($7 41 per bushel).

1982 Flaxseed Crop Prices

Grade	— Dollars per Tonne at Thunder Bay — — Winnipeg Commodity Exchange Cash Quotations — Jan	Feb	Mar	Apr.	May	June
1 Canada	356 17	352 13	337 45	356 09	353 59	329 39
2 Canada	354 17	350 13	335 45	353 13	351 59	327 39
3 Canada	316 17	312 13	297 45	315 90	318 89	297 34
	July	Aug.	Sept.	Oct.	Nov.	Dec.
1 Canada	319 50	310 48	312 08	295 93	297 58	289 48
2 Canada	317 50	308 43	310 13	293 93	295 58	287 48
3 Canada	285 02	283 34	278 47	260 93	267 34	254 48

RYE

Total farm value of production was estimated at $21 456 000. Harvested area was 80 800 hectares (200 000 acres) in 1982 compared to 76 400 hectares (190 000 acres) in 1981. The average yield was estimated at 2 260 kilograms per hectare (36 0 bushels per acre) in 1982 compared to 2 290 kilograms per hectare (36 3 bushels per acre) in 1981. Of the total rye area, 2 800 hectares (7 000 acres) of spring rye were sown in 1982 compared to 2 400 hectares (6 000 acres) in 1981. Production of all rye at 183 100 tonnes (7 200 000 bushels) was an all-time record high.

Approximately 62 0 percent of the total Manitoba fall rye area was planted in the Southwest and Northwest Regions and 35 0 percent in the Central Region. Rye deliveries (from August 1 to December 31, 1982) of 58 000 tonnes (2 283 000 bushels) were down approximately 23 0 percent from the same period in 1981 [deliveries of 75 000 tonnes (2 950 000 bushels)].

No. 1 Canada rye prices in 1982 were lower than 1981 prices in virtually every month.

The producer price in 1982 was estimated to average $117 18 per tonne ($2 98 per bushel).

1982 Rye Crop Prices

Grade	— Dollars per Tonne at Thunder Bay — — Winnipeg Commodity Exchange Cash Quotations — Jan.	Feb.	Mar.	Apr.	May	June
1 Canada	161.85	167.35	157.80	166.65	171.30	149.34
2 Canada	159.85	165.35	155.80	164.65	169.30	147.25
3 Canada	121.85	127.35	117.80	126.65	139.47	120.84
Ergoty	112.85	118.35	108.80	117.65	130.47	111.84
	July	Aug.	Sept.	Oct.	Nov.	Dec.
1 Canada	143.48	130.77	129.64	118.24	120.82	119.58
2 Canada	141.48	128.77	127.64	116.24	118.82	117.58
3 Canada	113.75	104.83	100.35	88.35	90.82	89.58
Ergoty	104.75	96.12	91.35	79.35	81.82	80.58

MIXED GRAINS

An estimated 131 000 tonnes (6 400 000 bushels) were produced in 1982 compared to 110 000 tonnes (5 400 000 bushels) in 1981, an increase of 19 1 percent. Planted area in 1982 was unchanged from the 1981 figure of 48 600 hectares (120 000 acres). At $124 58 per tonne ($2 55 per bushel) on average, up from 1981, the 1982 crop was valued at $16 320 000 compared to $12 636 000 in 1981. The average yield was estimated at 2 695 kilograms per hectare (53 3 bushels per acre).

GRAIN CORN

Seeded area to grain corn in 1982 was estimated at 81 000 hectares (200 000 acres), down 11 0 percent from the 1981 record level. Although the seeded area in 1982 declined from 1981, plantings continue to remain well above the historical average of 27 100 hectares (67 000 acres). The estimated total production of 254 000 tonnes (10 000 000 bushels) is near the historical market requirements for Western Canada and, thus, limits the potential for sales into the offshore market.

The average yield of grain corn was estimated at 3 136 kilograms per hectare (50 bushels per acre), down approximately 34 0 percent from 1981. A smaller proportion of the 1982 crop graded No. 2 C W. than in 1981. Approximately 27 940 tonnes (1 100 000 bushels) of corn were sold to the Manitoba distilling industry with the balance marketed into the Western feed market and export market. Growers received an average price of about $104 72 per tonne ($2 66 per bushel), basis No. 2 C W. grade, for their 1982 crop.

FIELD PEAS

Field pea plantings advanced to 44 500 hectares (110 000 acres), setting a new record for the second consecutive year. These plantings represented 63 6 percent of dry field pea production in Canada. The average yield for field peas was estimated at 1 836 kilograms per hectare (27 3 bushels per acre). The harvested crop was generally of average quality. Growers received an average price of $192 97 per tonne ($5 25 per bushel), basis No. 3 C W. grade, for their 1982 crop.

BUCKWHEAT

Buckwheat plantings were estimated at 46 500 hectares (115 000 acres), down 8 0 percent from 1981. The average yield was estimated at 468 kilograms per hectare (8 7 bushels per acre), a substantial decrease from the average yield of 910 kilograms per hectare (16 8 bushels per acre) obtained in 1981. Mancan buckwheat accounted for approximately 90 0 percent of the total production in the province. Growers received an average price of $321 50 per tonne ($7 00 per bushel) for the large seeded variety Mancan and $275 58 per tonne ($6 00 per bushel) for common buckwheat.

SUNFLOWERS

Sunflower plantings were estimated at 71 000 hectares (175 000 acres), a reduction of 35 0 percent from 1981 and the second consecutive year of declining seeded area. Manitoba's area accounted for 92 1 percent of total Canadian sunflower plantings.

The average yield for sunflowers was estimated at 1 233 kilograms per hectare (1 100 pounds per acre). An estimated 85 0 percent of Manitoba's oilseed sunflower plantings were established with varieties of the hybrid type. Growers received an average price of about 19 8 cents per kilogram (9 0 cents per pound) for their oilseed sunflowers. Confectionary sunflower plantings accounted for about 9 5 percent of the sunflower plantings and provided an average price of 26 5 cents per kilogram (12 0 cents per pound) to the growers.

OTHER SPECIAL CROPS

Plantings of other special crops included 19 425 hectares (48,000 acres) of canary seed, 16 190 hectares (40,000 acres) of lentils, 8 500 hectares (21,000 acres) of field beans [an estimated 1 820 hectares (4,500 acres) of field beans were lost due to frost] and 5 260 hectares (13,000 acres) of fababeans. The total value of these crops was estimated at $5,760,000 for canary seed, $7,000,000 for lentils, $2,076,900 for field beans and $2,106,000 for fababeans. Estimated average prices to the growers were 22 0 cents per kilogram (10 cents per pound) for canary seed, 38 6 cents per kilogram (17 5 cents per pound) for lentils, 27 6 to 30 9 cents per kilogram (12 5 to 14 0 cents per pound) for field beans and 19 8 cents per kilogram (9 0 cents per pound) for fababeans.

CANOLA (RAPESEED)

Canola (rapeseed) plantings increased to 344 000 hectares (850,000 acres) in 1982 from 243,000 hectares (600,000 acres) in 1981. The average yield was estimated at 1 170 kilograms per hectare (20 8 bushels per acre) compared to 1 260 kilograms per hectare (22 5 bushels per acre) in 1981. Approximately 32 0 percent of the crop graded No. 1 Canada and 30 0 percent No. 2 Canada. Growers received an average price of approximately $278 96 per tonne ($6 32 per bushel). The value of the crop in 1982 was $111,864,000.

	Planted Hectares (000)		Yield per Hectare (kilograms)		Production (tonnes)	
Crop District	**1981**	**1982**	**1981**	**1982**	**1981**	**1982**
1	29 2	42 0	1 164	1 140	34 000	48 000
2	19 1	33 8	1 204	1 120	23 000	38 000
3	33 1	43 1	1 299	1 140	43 000	49 000
4	10 2	14 9	1 373	1 210	14 000	18 000
5	11 6	16 8	1 121	1 250	13 000	21 000
6	22 6	36 1	1 239	1 220	28 000	44 000
7	37 8	56 1	1 270	1 210	48 000	68 000
8	48 4	58 7	1 384	1 180	67 000	69 000
9	7 7	11 7	1 299	1 030	10 000	12 000
10	2 6	3 6	1 154	1 110	3 000	4 000
11	9 2	10.3	1 196	1 070	11 000	11 000
12	11 3	16 9	1 062	1 120	12 000	19 000
PROVINCE	242 8	344 0	1 260	1 170	306 000	401 000

	Planted Acres (000)		Yield per Acre (bushels)		Production (000 bushels)	
	1981	**1982**	**1981**	**1982**	**1981**	**1982**
1	72 0	103 8	21 1	20 2	1,520 9	2,095 7
2	47 3	83 4	21 0	20 2	992.8	1,684 2
3	81.7	106 5	23 3	20.2	1,901 0	2,150 1
4	25 3	36 9	24.7	21.8	625.1	804 2
5	28.7	41.6	20.5	21 8	588.0	906 9
6	55 9	89.1	21 8	21 8	1,220.7	1,941 2
7	93.4	138.6	22.7	21.7	2,116.7	3,007.5
8	119.7	145.1	24.8	21.1	2,963.1	3,058.9
9	19.1	29.0	22.6	18.9	432.6	548.1
10	6.3	8.8	22.4	18.9	141 0	166 2
11	22.6	25.4	21.3	19.9	482.2	505.3
12	28.0	41.8	18.4	19.9	515.9	831.7
PROVINCE	600.0	850.0	22.5	20.8	13,500.0	17,700.0

1982 Canola (Rapeseed) Crop Prices

— Dollars per Tonne at Thunder Bay —
— Winnipeg Commodity Exchange Cash Quotations —

Grade	Jan	Feb	Mar	Apr	May	June
1 Canada	290.23	298.64	300.30	306.74	309.68	305.56
2 Canada	277.23	285.64	287.30	293.74	296.68	293.02
	July	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**
1 Canada	297.00	281.73	293.84	288.13	302.30	296.51
2 Canada	284.00	268.73	280.84	275.13	289.30	283.51

MUSTARD

Mustard plantings were estimated at 10 100 hectares (25 000 acres) in 1982, down approximately 44.0 percent from 1981. Yellow mustard accounted for 72.5 percent of the plantings. Average yields were estimated at 964 kilograms per hectare (860 pounds per acre) for Yellow and 1 040 kilograms per hectare (925 pounds per acre) for Brown and Oriental. The average price received by the grower was about 25.4 cents per kilogram (11.5 cents per pound), basis No. 1 grade for Yellow mustard and 20.9 cents per kilogram (9.5 cents per pound) for Brown and Oriental.

TAME HAY

Tame hay production was valued at $124,300,000 based on the average price of $54.81 per tonne ($49.72 per ton). Estimates on the production of wild hay and other crops such as wheat, oats and millet cut for hay are not available.

Crop District	Harvested Hectares (000) 1981	Harvested Hectares (000) 1982	Yield per Hectare (tonnes) 1981	Yield per Hectare (tonnes) 1982	Production (tonnes) 1981	Production (tonnes) 1982
1	36.3	37.3	4.17	4.50	151 000	168 000
2	47.8	51.7	4.24	4.82	202 700	249 000
3	35.0	33.6	4.80	4.11	167 400	138 000
4	19.5	18.6	3.97	2.96	77 400	55 000
5	18.9	18.1	4.15	4.25	78 600	77 000
6	61.1	66.0	3.81	4.03	232 900	266 000
7	55.2	51.8	5.16	4.90	284 900	254 000
8	29.9	31.2	4.48	4.84	134 000	151 000
9	47.7	44.5	5.27	4.83	251 500	215 000
10	29.1	29.4	4.01	4.46	116 400	131 000
11	33.6	36.6	4.71	4.84	158 000	177 000
12	91.9	87.2	4.51	4.44	413 200	387 000
PROVINCE	506.0	506.0	4.48	4.48	2 268 000	2 268 000

	Harvested Acres (000) 1981	Harvested Acres (000) 1982	Yield per Acre (tons) 1981	Yield per Acre (tons) 1982	Production (000 tons) 1981	Production (000 tons) 1982
1	89.7	92.2	1.86	2.01	166.5	185.2
2	118.1	127.6	1.89	2.15	223.4	274.3
3	86.4	83.0	2.14	1.83	184.5	151.8
4	48.1	45.9	1.77	1.32	85.3	60.5
5	46.7	44.7	1.85	1.90	86.6	85.1
6	151.0	163.1	1.70	1.80	256.7	292.8
7	136.3	128.0	2.30	2.19	314.1	279.8
8	73.9	77.1	2.00	2.16	147.7	166.7
9	117.9	109.9	2.35	2.16	277.2	237.0
10	71.8	72.7	1.79	1.99	128.3	144.9
11	83.1	90.3	2.10	2.17	174.2	195.7
12	227.0	215.5	2.01	1.98	455.5	426.2
PROVINCE	1,250.0	1,250.0	2.00	2.00	2,500.0	2,500.0

SILAGE

Silage corn area increased from 20 200 hectares (50 000 acres) in 1981 to 31 200 hectares (77 000 acres) in 1982. Total production increased from 354 000 tonnes (390 000 tons) in 1981 to 481 000 tonnes (530 000 tons) in 1982. The average yield was estimated at 15.4 tonnes per hectare (6.88 tons per acre) compared to 17.5 tonnes per hectare (7.8 tons per acre) in 1981.

SUGAR BEETS

Sugar beet plantings were 11 200 hectares (27,754 acres) in 1982, down slightly from 1981. The average yield was 33.1 tonnes per hectare (14.8 tons per acre). Total production was estimated at 372 000 tonnes (409,925 tons) valued at $13,814,470 in 1982. Total 1981 production was 339 741 tonnes (374 500 tons) for a value of $18,923,485.

HORTICULTURAL CROPS

Total Estimated Value for 1982 Production:

Potatoes	$30,500,000
Commercial Vegetables (Fresh)	7,288,000
Fruits	1,667,000
Environmental Controlled Production (Greenhouse and Mushrooms)	6,200,000
Nursery Products and Sod	10,000,000
Miscellaneous	4,000,000
TOTAL	$59,655,000

POTATOES

The area planted to potatoes decreased by 3.4 percent to 16,000 hectares (39,500 acres) in 1982. Of this total, 14.7 percent was produced for table stock, 78.0 percent for processing and 7.3 percent for seed. Gross production was estimated at 263 400 tonnes (5,807,000 cwt) and gross yield at 16.4 tonnes per hectare (147 cwt per acre). Although a combination of reduced plantings and yields resulted in a drop in gross production of 15.5 percent, production of table stock potatoes increased 29.0 percent, seed production decreased 7.6 percent and processing potato production decreased 26.0 percent.

Warm weather conditions permitted early initial plantings. However, this was followed by below normal temperatures that delayed initial growth. Heavy rain in June resulted in excessively wet conditions and crop loss, particularly in selected fields in the Carberry, MacGregor and Edwin areas. A severe frost in the third week of August affected a wide area of the province with top kill varying from minor to complete. Early maturing varieties had reached full yield potential and were not severely affected by the frost. There was a substantial yield and tuber size limitation on Russet Burbank.

Quality of table stock going into storage was good. Fry colour and keeping quality of chipping stock was also good but many lots of Russet Burbank tubers produced variable to poor fry colour. Grading difficulties for french fry raw product shipments to Grand Forks, North Dakota, to fill the Simplot Contracts were experienced due to the relatively large percentage of small tubers.

VEGETABLES

The area planted to vegetables in 1982 increased by 6.0 percent over 1981 with major increases in the seeding of broccoli, onions, carrots and peppers. There was a substantial drop in the seeded area to cabbage, radish and beets.

Total production increased by 4 535 tonnes (10 million pounds), up 23.0 percent from 1981 but gross value increased only 8.0 percent.

The 1982 crop production season was generally cool with abundant moisture. Frost in late spring and early fall coupled with hail during the summer caused substantial crop loss particularly in the Portage la Prairie area.

Generally, the yields of cool season crops were average but those of warm season crops were below average to poor. Harvesting conditions were favourable in the early fall but adverse weather, including heavy fall frost, had a detrimental effect on the quality of the long-season storage crops.

Individual product prices varied from good to weak with those crops requiring the longest storage period most seriously affected. Markets were very slow in the earlier part of the season but gained momentum at the start of the new year with the result that all products were out of storage by late spring.

1982 Fresh Vegetable Production and Farm Value, Manitoba

	Planted Area (hectares)	Average Yield (kg/ha)	Total Production (tonnes)	Average Price (¢/kg)	Total Value ($000)
Asparagus	40	3 300	132	235.9	310
Beets	8	22 625	181	28.7	52
Broccoli	45	12 200	549	75.0	411
Cabbage	151	22 351	3 375	24.3	818
Carrots	140	41 471	5 806	22.0	1 280
Cauliflower	117	8 436	987	61.7	609
Celery	30	51 400	1 542	26.5	408
Corn	247	3 360	830	37.5	311
Cucumbers	45	22 467	1 011	57.3	580
Lettuce	16	5 688	91	61.7	56
Onions	295	21 562	6 361	24.3	1 543
Parsnips	32	15 875	508	59.5	302
Peppers	12	5 667	68	52.9	36
Radish	26	3 192	83	50.7	42
Squash	11	14 455	159	41.9	67
Tomatoes	12	1 667	20	75.0	15
Rutabagas	71	26 831	1 905	19.8	378
Other Crops	20	—	—	—	70
TOTAL	1 318				7 288

	Planted Area (acres)	Average Yield (lb/acre)	Total Production (000 lbs)	Average Price (¢/lb)	Total Value ($000)
Asparagus	100	2 900	290	107.0	310
Beets	20	20 000	400	13.0	52
Broccoli	110	11 000	1 210	34.0	411
Cabbage	372	20 000	7 440	11.0	818
Carrots	345	37 100	12 800	10.0	1 280
Cauliflower	290	7 500	2 175	28.0	609
Celery	75	45 300	3 400	12.0	408
Corn	610	3 000	1 830	17.0	311
Cucumbers	110	20 275	2 230	26.0	580
Lettuce	40	5 000	200	28.0	56
Onions	730	19 210	14 023	11.0	1 543
Parsnips	80	14 000	1 120	27.0	302
Peppers	30	5 000	150	24.0	36
Radish	65	2 830	184	23.0	42
Squash	28	12 500	350	19.0	67
Tomatoes	30	1 500	45	34.0	15
Rutabagas	175	24 000	4 200	9.0	378
Other Crops	50	—	—	—	70
TOTAL	3 260				7 288

ORNAMENTALS

Nursery Stock Plantings of nursery stock increased by 20 percent for a total area of 490 hectares (1,200 acres) in 1982. The large operators reported a 10 to 15 percent increase in retail sales over 1981, while smaller nursery operations experienced a decline. Reduced retail sales were again attributed to weaker demand resulting from lower housing starts. Interest continues in fall harvesting with the construction of two insulated storage buildings.

Nursery Sod Little or no expansion occurred in nursery sod production in 1982. The area in production was 1 000 hectares (2,500 acres). Prices remained steady at the 1981 level of 50¢-75¢/m². Out-of-province shipments went primarily to central and eastern Saskatchewan with small amounts to northern United States.

Greenhouse Production Moderate expansion was experienced in the greenhouse industry. Sales increased by 25 percent over 1981 although growers reported lower per unit prices. Imports from the United States have tended to undercut local prices in the chain retailers.

FRUIT

Planted area to strawberries increased by 10 percent in 1982 for a total of 166 hectares (409 acres). Harvesting was delayed by cool, dry June conditions by up to 10 days. Spring frost resulted in a 10 to 15 percent yield reduction. Yields varied from 4 500 to 17 000 kilograms per hectare (4,000 to 15,000 pounds per acre) with prices ranging from $3.50 to $6.00 per four-litre container.

Interest continues to grow in U-Pick raspberries as the planted area continues to be expanded. A four-hectare test site is being established on organic soils in eastern Manitoba.

Saskatoon plantings were damaged by early and late frosts with the result that yields were poor. U-Pick opportunities with this crop are limited until further production management and propagation techniques are developed.

Apple trees in semi-commercial orchards produced below average yields. New orchards in the Morden and Winkler areas have reached a bearing stage and will have a light crop for 1983.

SEED PRODUCTION

Forage Seeds Total production of all forage seeds, including foreign and private varieties, decreased from 9 110 000 kilograms (20,100,000 pounds) in 1981 to 7 580 000 kilograms (16,700,000 pounds) in 1982. The total farm value decreased from $6,681,000 to $5,025,000 in 1982.

There was a decrease in the area seeded to forage crops in 1982. Most of the decrease was in Timothy area and was in response to low prices received by the grower in 1981. There was a large drop in 1982 in the production of alfalfa seed due to frost. The 1982 production of alfalfa was down 75 percent from the previous year. In total, the 1982 forage seed crop decreased by 17 percent over the 1981 crop. However, Sweet Clover production increased by 71 percent over 1981.

Prices paid to producers advanced slightly in relation to the 1981 level. Alfalfa, Birdsfoot Trefoil, Red Clover and Timothy all recorded advances in prices while Kentucky Bluegrass, Meadow Fescue and Sweet Clover had slight declines. The price strength was attributable to the decrease in production and a strengthening in consumer demand.

The following table indicates the average farm gate price for a combination of Certified and Common seed.

	Production		Price per		Farm Value
	kilograms (000)	pounds (000)	kilogram $	pound $	($000)
Alfalfa	385	849	1 76	0 80	679
Birdsfood Trefoil	135	298	3 86	1 75	522
Bromegrass	100	220	0 77	0 35	77
Kentucky Bluegrass	135	298	0 66	0 33	89
Meadow Fescue	200	441	0 77	0 35	154
Single Cut Red Clover	225	496	0 62	0 28	139
Sweet Clover	3 000	6.614	0 40	0 18	1.191
Timothy	3 400	7 496	0 64	0 29	2 174
	7 580	16.712			5.025

Pedigreed Seed Because of its importance in Manitoba agriculture, the area seeded to this type of crop production is given in detail. These figures are included in the estimates of total production of cereals, grasses and other crops. A portion of this seed is used in the province and part is exported. These are not included in the records of commercial marketings through elevators but are considered in the total value of crop production. In addition to the area detailed below, 5 213 hectares (12 881 acres) of unlicensed forage seed varieties were grown for export in 1982 compared to 7 499 hectares (18 530 acres) in 1981 and 6 261 hectares (15 470 acres) in 1980.

Foundation, Registered and Certified Seed

	Hectares		
Kind of Crop	**1980**	**1981**	**1982**
Wheat — Hard Red Spring	25 402	30 870	24 757
— Durum	3 486	4 640	3 575
— Utility	3 173	7 586	7 798
— Winter	—	—	229
Oats	2 096	3 294	2 216
Barley — 2 row	1 137	1 028	3 281
— 6 row	17 517	21 625	15 846
Rye — Fall	344	973	673
— Spring	62	97	41
Triticale	212	42	112
Flaxseed	11 999	12 952	14 703
Peas — Field	5 583	7 167	8 993
Beans — Faba	677	336	1 877
— Soybeans	467	635	755
Buckwheat	1 329	2 461	2 375
Canola (rapeseed) — Argentine type	3 298	2 256	1 431
— Polish type	146	53	157
Sunflower	—	154	—
Alfalfa	886	1 744	2 393
Bromegrass	223	156	82
Kentucky Bluegrass	105	263	271
Meadow Fescue	272	275	137
Orchard Grass	—	20	—
Sweet Clover — Yellow Blossom	—	—	7
Timothy	7 627	10 229	8 887
Slender Wheatgrass	9	—	—
Red Clover — Single Cut	139	166	39
Birdsfoot Trefoil	960	1 032	1 048
Mustard (Yellow & Brown)	314	395	200
Radish	—	14	51
Reed Canary Grass	24	16	—
Lentils	376	741	622

Foundation, Registered and Certified Seed

Kind of Crop	Acres 1980	1981	1982
Wheat — Hard Red Spring	62 770	76 280	61 174
— Durum	8 615	11 465	8 835
— Utility	7 840	18 745	19 270
— Winter	—	—	566
Oats	5 180	8 140	5 477
Barley — 2 row	2 180	2 540	8 107
— 6 row	43 286	53 435	39 157
Rye — Fall	850	2 405	1 664
Spring	152	240	102
Triticale	524	105	277
Flaxseed	29 650	32 005	36 332
Peas — Field	13 796	17 710	22 223
Beans — Faba	1 673	830	4 637
— Soybeans	1 154	1 570	1 866
Buckwheat	3 284	6 080	5 869
Canola (rapeseed) — Argentine type	8 151	5 575	3 535
— Polish type	362	130	388
Sunflower	—	380	—
Alfalfa	2 189	4 310	5 912
Bromegrass	552	385	203
Kentucky Bluegrass	260	650	669
Meadow Fescue	672	680	338
Orchard Grass	—	50	—
Sweet Clover — Yellow Blossom	—	—	18
Timothy	18 847	25 275	21 960
Slender Wheatgrass	22	—	—
Red Clover — Single Cut	343	410	97
Birdsfoot Trefoil	2 373	2 550	2 589
Mustard (Yellow & Brown)	777	975	494
Radish	—	35	125
Reed Canary Grass	60	40	—
Lentils	928	1 830	1 538

Certified Potatoes

Variety	Number Growers	Hectares Inspected	Hectares Passed Inspection 1982	Production Graded Stock (tonnes) 1982	1981
Russet Burbank	9	869	794	12 080	16 990
Norland	5	151	151	2 260	2 730
Norchip	4	115	115	2 260	2 120
Red Pontiac	3	35	35	670	970
Kennebec	3	31	31	490	630
Warba	1	7	7	150	130
All Varieties	9	1 207	1 132	17 910	23 570

Variety	Number Growers	Acres Inspected	Acres Passed Inspection 1982	Production Graded Stock (cwt) 1982	1981
Russet Burbank	9	2,147	1,962	266,364	374,629
Norland	5	373	373	49,833	60,196
Norchip	4	284	284	49,833	46,746
Red Pontiac	3	86	86	14,773	21,388
Kennebec	3	77	77	10,804	13,891
Warba	1	17	17	3,307	2,866
All Varieties	9	2,982	2,797	394,915	519,718

GRAIN STORAGE CAPACITY IN MANITOBA — AUGUST 1, 1981 - 1982

All Licensed Elevators

Kind of Elevator	1981 Number	1981 Capacity (tonnes)	1982 Number	1982 Capacity (tonnes)
Terminal	1	140 020	1	140 020
Process Elevators	13	187 850	9	177 730
Primary	373	1 135 450	361	1 142 560
TOTAL — Licensed Elevators	387	1 463 320	371	1 460 310

Grain Stored in Country Elevators — July 31

Year	Wheat (tonnes)	Oats (tonnes)	Barley (tonnes)	Flaxseed (tonnes)	Canola (rapeseed) (tonnes)
1969	903 600	91 000	52 300	5 100	11 300
1970	911 700	40 100	74 000	15 200	—
1971	615 100	52 400	76 200	35 600	4 500
1972	514 400	44 700	80 600	15 200	36 300
1973	285 800	33 900	217 700	10 200	22 700
1974	318 400	35 500	272 200	20 300	13 600
1975	171 100	83 300	159 500	27 900	24 900
1976	204 100	54 000	43 500	73 700	47 600
1977	250 400	42 700	20 800	33 100	15 500
1978	472 400	70 900	138 100	104 900	35 900
1979	497 400	58 600	96 900	84 900	70 600
1980	327 900	7 800	45 800	130 600	97 500
1981	266 200	14 900	218 300	54 500	61 500
1982	231 700	14 700	94 600	35 300	40 200

Total Grain Supply on Farms by Crop Year

	Wheat (tonnes)	Oats (tonnes)	Barley (tonnes)	Flaxseed (tonnes)	Canola (rapeseed) (tonnes)
Stocks on Farms, July 31, 1982	270 000	60 000	200 000	10 000	14 000
Production, 1982	3 728 000	571 000	2 373 000	437 000	401 000
Total Farm Supply					
1982-83	3 998 000	631 000	2 573 000	447 000	415 000
1981-82	3 402 400	539 000	2 395 000	282 000	386 000
1980-81	2 231 700	323 900	1 632 900	292 100	408 200
1979-80	3 157 000	431 800	1 807 100	510 500	632 800
1978-79	3 320 400	817 300	2 285 700	355 500	585 300
1977-78	3 320 200	1 048 700	2 133 700	332 800	263 000
1976-77	2 884 800	1 033 300	1 524 100	170 200	152 000
1975-76	2 177 200	832 800	1 175 700	228 700	256 300
1974-75	1 741 800	771 100	1 328 100	175 300	197 300
1973-74	2 313 400	1 095 000	1 981 300	195 600	175 800
1972-73	2 585 500	1 064 100	2 068 400	175 300	244 900
1971-72	2 531 100	1 310 900	2 155 500	170 200	272 200
1970-71	1 918 700	1 280 000	1 306 400	322 600	163 300

GRAIN STORAGE CAPACITY IN MANITOBA — AUGUST 1, 1981 - 1982

All Licensed Elevators

Kind of Elevator	1981 Number	1981 Capacity (bushels)	1982 Number	1982 Capacity (bushels)
Terminal	1	5,000,000	1	5,000,000
Process Elevators	13	6,708,000	9	6,346,600
Primary	373	40,546,000	361	40,800,000
TOTAL — Licensed Elevators	387	52,254,000	371	52,146,600

Grain Stored in Country Elevators — July 31

Year	— million bushels — Wheat	Oats	Barley	Flaxseed	Canola (rapeseed)
1969	33.2	5.9	2.4	0.2	0.5
1970	33.5	2.6	3.4	0.6	—
1971	22.6	3.4	3.5	1.4	0.2
1972	18.9	2.9	3.7	0.6	1.6
1973	10.5	2.2	10.0	0.4	1.0
1974	11.7	2.3	12.5	0.8	0.6
1975	6.3	5.4	7.3	1.1	1.1
1976	7.5	3.5	2.0	2.9	2.1
1977	9.2	2.8	1.0	1.3	0.7
1978	17.4	4.6	6.3	4.1	1.6
1979	18.3	3.8	4.5	3.3	3.1
1980	12.0	0.5	2.1	5.1	4.3
1981	9.8	1.0	10.0	2.1	2.7
1982	8.5	1.0	4.4	1.4	1.8

Total Grain Supply on Farms by Crop Year

	— million bushels — Wheat	Oats	Barley	Flaxseed	Canola (rapeseed)
Stocks on Farms, July 31, 1982	9.9	3.9	9.2	0.4	0.6
Production, 1982	137.0	37.0	109.0	17.2	17.7
Total Farm Supply					
1982-83	146.9	40.9	118.2	17.6	18.3
1981-82	125.0	34.9	110.0	11.1	17.0
1980-81	82.0	21.0	75.0	11.5	18.0
1979-80	116.0	28.0	83.0	20.1	27.9
1978-79	122.0	53.0	105.0	14.0	25.8
1977-78	122.0	68.0	98.0	13.1	11.6
1976-77	106.0	67.0	70.0	6.7	6.7
1975-76	80.0	54.0	54.0	9.0	11.3
1974-75	64.0	50.0	62.0	6.9	8.7
1973-74	85.0	71.0	91.0	7.7	7.7
1972-73	95.0	69.0	95.0	6.9	10.8
1971-72	93.0	85.0	99.0	6.7	12.0
1970-71	70.5	83.0	60.0	12.7	7.2

LIVESTOCK

1982 Summary of Production

	Number (000)	Value Each	Total Value (000)
CATTLE:			
Commercial Marketings (including exports)	435		
Inventory Change (down)	-80		
Local Slaughterings	15		
Minus Inshipments	48		
	322	$586.00	$188,692
HOGS:			
Commercial Marketings (including exports)	1,229		
Inventory Change	0		
Local Slaughterings	24		
	1,253	$136.00	$170,408
SHEEP:			
Commercial Marketings (including exports)	21.7	$40.69	$ 883
Wool — kilograms	61.4	94.5¢/kg	58
— pounds	135.3	42.9¢ lb	
			$ 941
DAIRY PRODUCTS:			
Milk Equivalent — litres	293,545	$32.69/hl	$ 95,944
Supplementary Payments			10,092
POULTRY:			$ 46,507
Eggs			49,365
Meat			
TOTAL LIVESTOCK PRODUCTION			$561,949

CATTLE

Production Value

During the past year, the production value of Manitoba cattle decreased by $2,573,000 from $191,265,000 in 1981 to $188,692,000 in 1982. The estimated value per animal decreased from $615 to $586 while production increased from 311,000 head to 322,000 head.

Marketings

Total commercial marketings increased by 67,919 head from 1981 for a total in the current year of 434,986 head. Marketings of slaughter cattle and calves increased by 11,255 and 357 head, respectively. Recorded sales of Manitoba feeder cattle increased by 25,848 head. Direct export sales of feeder cattle and calves increased from 33,385 head in 1981 to 63,844 head in 1982.

Commercial Marketings from Manitoba

Crop District	Slaughter Cattle	Slaughter Calves	Total (excluding exports)
1	13,907	383	14,290
2	57,925	1,936	59,861
3	18,581	331	18,912
4	9,601	657	10,258
5	7,124	344	7,468
6	14,429	621	15,050
7	29,881	1,435	31,316
8	42,577	609	43,186
9	37,812	1,554	39,366
10	3,480	363	3,843
11	11,232	471	11,703
12	16,001	951	16,952
PROVINCE	262,550	9,655	272,205

Cattle Sale by Month

Month	— Animals from Manitoba — Slaughter Cattle	Slaughter Calves	Feeders	Total (excluding exports)
January	16,054	675	2,373	19,102
February	23,641	878	7,600	32,119
March	23,853	1,205	10,403	35,461
April	22,007	888	7,838	30,733
May	24,539	974	9,770	35,283
June	26,185	967	7,764	34,916
July	16,259	429	3,946	20,634
August	16,904	397	4,040	21,341
September	26,535	694	8,699	35,928
October	21,222	713	10,525	32,460
November	22,452	898	15,916	39,266
December	22,899	937	10,063	33,899
YEAR	262,550	9,655	98,937	371,142

Disposal of Sales

Of the total number of slaughter animals marketed in Manitoba during 1982, 26.6 percent were shipped to public stockyards and 73.4 percent moved directly to packing plants. Feeders sold through the public stockyards totalled 98,937, up 35.4 percent from 1981. In addition, 63,844 feeders consisting of 41,641 and 22,203 head of cattle and calves were sold into the direct export market.

Inventory

The January 1, 1983 survey placed the total number of cattle and calves on farms at 955,000 head, down 7.7 percent from 1982. Numbers of all categories of cattle have declined from last year's level. Compared to a year ago, numbers of beef cows, calves, steers, slaughter heifers and replacement heifers are down 18,000, 34,000, 14,000, 3,000 and 7,000 head, respectively. There were an estimated 1,120,000 head of cattle and calves on Manitoba farms as at July 1, 1982.

Cattle Numbers on Manitoba Farms, July 1, 1982

Crop District	Bulls	Cows (milk)	Cows (beef)	Heifers Over 1 yr (milk)	Heifers Over 1 yr (beef)	Steers Over 1 Year	Calves Under 1 Year
1	2,300	3,100	40,500	1,000	12,300	11,000	35,900
2	2,800	6,600	47,200	2,300	17,500	21,800	44,500
3	1,900	5,800	35,300	1,800	11,500	10,900	33,300
4	1,300	2,800	21,900	600	6,700	6,500	19,900
5	700	1,400	11,800	500	3,700	3,800	10,800
6	2,600	5,200	50,300	1,400	13,200	11,600	45,300
7	2,000	10,800	39,700	4,100	12,700	13,300	38,900
8	2,000	8,700	27,800	3,400	13,500	20,100	30,000
9	1,500	19,200	13,700	8,900	7,100	9,800	21,100
10	700	3,100	9,700	1,300	2,500	1,800	9,300
11	900	7,400	15,900	3,600	7,500	8,400	16,900
12	2,800	6,400	59,200	3,100	16,800	14,000	54,100
PROVINCE	21,500	80,500	373,000	32,000	125,000	133,000	360,000

During the past year, the quality of slaughter cattle marketed in Manitoba was improved over 1981. Of the total number of steers and heifers marketed, 85.3 percent graded A1,2 compared to 84.5 percent a year earlier.

Slaughter Cattle from Manitoba

	1981		1982	
	Number	%	Number	%
STEERS				
A1, A2 + 450 kg (+ 1000 lbs)	107,557	80	105,737	81
A1, A2 - 450 kg (- 1000 lbs)	10,002	7	8,981	7
A3, A4	6,165	5	5,596	4
B and C	10,449	8	9,841	8
	134,173	100	130,155	100
HEIFERS				
A1, A2 + 400 kg (+ 850 lbs)	41,129	63	43,940	66
A1, A2 - 400 kg (- 850 lbs)	9,835	15	9,318	14
A3, A4	4,416	7	3,994	6
B and C	9,792	15	9,631	14
	65,172	100	66,883	100
COWS				
D1, D2	22,556	49	28,752	49
D3, D5	21,899	47	28,562	48
D4	1,670	4	1,740	3
	46,125	100	59,054	100
BULLS	5,825		6,458	
CALVES				
White Veal	304	3	33	—
Good Veal	1,101	12	1,469	15
Good Butcher	3,391	37	4,118	43
Common All Weights	4,502	48	4,035	42
	9,298	100	9,655	100
TOTAL SLAUGHTER ANIMALS	260,593		272,205	

Sales of replacement cattle increased by 25,848 head during 1982. The figures shown below exclude sales direct to export or to country points in other provinces. Most replacement cattle that leave the province go through public stockyards, while interfarm and interprovincial transfer of feeders occur at local livestock auction markets.

Replacement Cattle from Manitoba

	1981	1982
	Number	
FEEDERS		
Steers over 250 kg (over 600 lbs)	26,003	35,342
Calves under 250 kg (under 600 lbs)	19,059	24,372
Heifers over 200 kg (over 500 lbs)	16,160	23,697
Calves under 200 kg (under 500 lbs)	8,327	11,677
Cows	3,540	3,849
TOTAL	73,089	98,937

Cattle Prices, St. Boniface Stockyards, 1982

	Cents per Kilogram Live	Dollars per 100 Pounds Live
Slaughter Cattle and Calves		
STEERS		
A1, A2 + 450 kg (+ 1000 lbs)	165.7	75.17
A1, A2 - 450 kg (- 1000 lbs)	165.8	75.20
A3, A4	153.3	69.54
B and C	138.8	62.95
HEIFERS		
A1, A2 + 400 kg (+ 850 lbs)	153.1	69.43
A1, A2 - 400 kg (- 850 lbs)	147.9	67.10
A3, A4	132.0	59.86
B and C	114.4	51.90
COWS		
D1, D2	102.3	46.42
D3, D5	94.2	42.73
D4	92.2	41.84
BULLS	124.2	56.33
SLAUGHTER CATTLE AVERAGE	124.3	56.38
CALVES		
Good Veal	238.0	107.97
Good Butcher	159.3	72.26
Common All Weights	130.8	59.34
SLAUGHTER CALVES AVERAGE	160.0	72.43
Feeders		
GOOD STEERS		
+ 350 kg (+ 800 lbs)	158.3	71.81
300-350 kg (700-800 lbs)	159.6	72.40
250-300 kg (600-700 lbs)	160.2	72.68
Common and Medium + 250 kg (+ 600 lbs)	132.1	59.94
GOOD STEER CALVES		
200-250 kg (500-600 lbs)	162.9	73.91
150-200 kg (400-500 lbs)	164.6	74.65
Under 150 kg (under 400 lbs)	163.9	74.36
Common and Medium - 250 kg (- 600 lbs)	130.1	59.01
GOOD HEIFERS		
+ 300 kg (+ 700 lbs)	142.6	64.67
250-300 kg (600-700 lbs)	143.0	64.85
200-250 kg (500-600 lbs)	145.8	66.12
Common and Medium + 200 kg (+ 500 lbs)	118.9	53.91
GOOD HEIFER CALVES		
150-200 kg (400-500 lbs)	149.4	67.78
100-150 kg (300-400 lbs)	146.1	66.28
Under 100 kg (under 300 lbs)	147.4	66.87
Common and Medium - 200 kg (- 500 lbs)	117.0	53.07
FEEDER COWS	98.9	44.84
ALL FEEDERS AVERAGE	146.7	66.55

Prices

The yearly weighted average price for top grade steers decreased by 2.7 cents per kilogram ($1.20 per cwt) in 1982. Consistent with price movements in the steer market, D1,2 cow prices in 1982 declined by 3.7 cents per kilogram ($1.68 per cwt) from the previous year. The weighted average prices in 1982 of good veal calves and good feeder steers over 350 kilograms (800 pounds) were down 0.9 and 1.6 cents per kilogram (40 and 74 cents per cwt), respectively, in comparison to 1981.

St. Boniface Stockyards Prices

— Selected Grades —

	A1,2 Steers			D1,2 Cows			Feeder Steers Over 350 kilograms			Good Veal Calves		
	10 yr.	5 yr.	1982	10 yr.	5 yr.	1982	10 yr.	5 yr.	1982	10 yr.	5 yr.	1982
	— cents per kilogram —											
Month												
January	114.3	136.0	146.6	73.9	91.7	93.9	108.3	132.8	133.7	151.8	173.6	221.3
February	113.6	137.3	151.6	78.5	97.8	92.5	112.1	139.3	143.7	161.6	190.8	241.0
March	112.5	137.7	154.9	82.5	100.2	101.8	114.3	142.4	147.4	163.5	198.3	258.7
April	115.0	140.4	167.2	86.4	104.5	106.9	115.3	142.9	156.6	164.6	199.5	250.3
May	121.4	146.4	186.2	86.0	104.3	111.4	120.0	146.8	166.0	165.6	202.9	241.7
June	123.2	148.7	184.6	84.8	102.6	113.1	119.0	146.6	170.9	173.9	213.5	251.9
July	122.2	146.4	173.8	81.4	101.1	116.7	117.0	145.7	167.2	165.1	204.1	242.5
August	121.9	145.3	165.2	80.7	101.0	113.6	116.7	143.7	163.9	156.5	199.7	230.3
September	121.8	148.7	164.6	79.7	100.9	107.9	116.1	146.5	163.9	152.9	191.6	228.9
October	121.2	148.9	154.8	76.1	97.4	100.9	114.6	144.6	151.3	144.4	183.0	195.9
November	122.0	148.9	159.8	73.0	94.1	90.2	114.8	144.0	158.0	145.4	182.2	196.7
December	121.4	149.1	157.3	75.2	96.6	88.9	116.3	146.7	157.5	155.1	194.0	221.3
YEAR	118.8	143.9	165.7	78.2	97.9	102.3	115.3	143.5	158.3	160.7	197.4	238.0

	A1,2 Steers			D1,2 Cows			Feeder Steers Over 800 Pounds			Good Veal Calves		
	10 yr.	5 yr.	1982	10 yr.	5 yr.	1982	10 yr.	5 yr.	1982	10 yr.	5 yr.	1982
	— dollars per 100 pounds —											
January	51.83	61.68	66.49	33.50	41.60	42.57	49.13	60.23	60.63	68.87	78.74	100.36
February	51.54	62.27	68.77	35.59	44.35	41.96	50.87	63.19	65.16	73.30	86.53	109.31
March	51.02	62.47	70.25	37.44	45.47	46.18	51.86	64.60	66.88	74.18	89.95	117.35
April	52.15	63.67	75.85	39.18	47.39	48.48	52.30	64.84	71.03	74.64	90.48	113.53
May	55.05	66.40	84.47	39.01	47.30	50.55	54.45	66.59	75.28	75.13	92.03	109.63
June	55.89	67.44	83.72	38.46	46.54	51.29	53.98	66.51	77.51	78.89	96.86	114.26
July	55.42	66.42	78.85	36.93	45.84	52.94	53.09	66.10	75.83	74.89	92.56	109.98
August	55.31	65.92	74.93	36.59	45.82	51.55	52.95	65.16	74.34	70.99	90.57	104.46
September	55.25	67.43	74.64	36.13	45.77	48.95	52.67	66.45	74.36	69.37	86.89	103.81
October	54.96	67.53	70.21	34.54	44.16	45.75	51.96	65.58	68.64	65.50	82.99	88.86
November	55.34	67.53	72.48	33.13	42.70	40.92	52.08	65.32	71.65	65.93	82.66	89.24
December	55.07	67.62	71.37	34.12	43.82	40.34	52.74	66.53	71.46	70.33	87.99	100.38
YEAR	53.89	65.29	75.17	35.49	44.41	46.42	52.30	65.08	71.81	72.91	89.55	107.97

HOGS

Production

In 1982, Manitoba farmers produced 1,253,900 hogs, an increase of 1.5 percent from 1981. Higher prices (on average, approximately $24 per head above 1981) resulted in an increase in the total value of production of over 32 million dollars compared to a 19 million dollar increase between 1980 and 1981. Hog production in Manitoba was valued at an estimated $170,408,000 in 1982.

Marketings

Manitoba producers marketed 36,122 fewer hogs in 1982 than in 1981. Lower hog marketings were recorded in all quarters with the largest decrease, 7.8 percent, occurring in the fourth quarter. In addition to commercial marketings shown in the following table, direct exports totalled 97,846 hogs in 1982 compared to 52,811 in 1981 and 78,626 in 1980.

Commercial Marketings from Manitoba

	— Total Hogs —	
Crop District	**1981**	**1982**
1	49,919	50,724
2	94,253	93,073
3	57,508	55,971
4	5,314	5,059
5	25,681	23,597
6	22,996	21,004
7	195,078	189,202
8	294,423	287,697
9	244,744	246,423
10	20,931	21,286
11	112,709	95,380
12	43,252	41,270
PROVINCE	1,166,808	1,130,686

Hog Sales by Month

	— Animals from Manitoba —		
Month	**1980**	**1981**	**1982**
January	85,056	89,921	89,637
February	93,588	95,134	90,254
March	110,921	119,361	121,467
April	93,178	92,490	90,560
May	91,020	90,764	92,756
June	122,496	114,910	107,734
July	87,675	84,881	86,274
August	86,255	84,108	84,842
September	111,155	109,165	103,530
October	87,231	85,655	82,107
November	91,920	91,673	78,045
December	111,283	108,746	103,480
YEAR	1,171,778	1,166,808	1,130,686

Inventory

The total number of hogs on Manitoba farms as of July 1, 1982 was unchanged compared to the same period a year previous. Market hog numbers totalled 765,000, an increase of 800 from 1981. The increase in market hog numbers was offset by an equal decrease in breeding stock numbers. The January 1, 1983 estimates reported total hog numbers unchanged from January 1, 1982. Hog numbers decreased by 35,000 head between January and July, 1982, but losses were regained by January 1, 1983 as hog numbers on farms totalled 900,000.

Hog Numbers on Farms, July 1, 1982

Crop District	Under 20 kg (45 lbs)	20 to 60 kg (45-130 lbs)	Over 60 kg (130 lbs)	Breeding Stock	Total
1	13,100	12,200	8,700	4,700	38,700
2	22,500	21,000	16,300	8,200	68,000
3	16,900	13,700	10,700	5,900	47,200
4	2,800	1,100	800	800	5,500
5	6,100	5,100	4,500	1,900	17,600
6	9,400	6,500	4,300	3,500	23,700
7	42,500	40,400	35,100	15,700	133,700
8	70,100	70,600	52,500	24,200	217,400
9	60,900	55,800	48,700	20,600	186,000
10	4,700	5,100	4,400	1,700	15,900
11	24,900	22,700	20,200	8,700	76,500
12	11,100	10,800	8,800	4,100	34,800
PROVINCE	285,000	265,000	215,000	100,000	865,000

Quality

The general quality of Manitoba hogs improved slightly in 1982 relative to 1981. The percentage of hogs indexing 102 or better increased to 67.0 percent, up 0.6 percent from 1981.

Prices

The lower hog price trend evident in the last two months of 1981 continued into January, 1982. However, from February onwards, hog prices strengthened steadily, peaking in September. Although prices did decline in the last quarter of 1982, they did remain above 1981 fourth quarter prices. The average annual price of Index 100 hogs in 1982 was 177.7 cents per kilogram ($80.61 per hundredweight), up 19.6 percent from 1981 and 53.3 percent from the five-year average (1977 to 1981).

St. Boniface Stockyards Hog Prices, 1980 - 1982

	Index 100			Sows		
	1980	1981	1982	1980	1981	1982
Month	— cents per kilogram —					
January	113.2	139.6	137.9	84.5	101.9	93.6
February	117.1	140.3	149.2	84.6	102.0	106.3
March	109.6	132.5	156.2	80.2	96.8	114.5
April	94.8	131.0	166.7	62.3	93.2	123.8
May	99.4	134.0	187.1	65.3	95.0	134.9
June	105.4	152.8	199.2	64.4	105.4	148.1
July	119.8	170.7	200.8	85.5	123.5	155.5
August	137.7	166.3	203.9	99.4	116.9	156.6
September	152.7	170.8	206.1	111.4	126.1	157.8
October	154.4	160.9	191.4	113.0	126.2	156.1
November	150.1	147.4	167.8	112.3	112.1	142.3
December	148.5	142.4	171.3	108.7	97.0	137.0
YEAR	124.9	148.6	177.7	88.1	107.0	132.6

St. Boniface Stockyards Hog Prices, 1980 - 1982

Month	Index 100			Sows		
	1980	1981	1982	1980	1981	1982
	— dollars per hundred pounds —					
January	51.34	63.33	62.53	38.33	46.24	42.46
February	53.13	63.66	67.67	38.37	46.26	48.20
March	49.72	60.08	70.83	36.37	43.92	51.94
April	42.99	59.40	75.62	28.27	42.28	56.16
May	45.09	60.76	84.88	29.62	43.10	61.19
June	47.81	69.32	90.34	29.22	47.83	67.18
July	54.32	77.45	91.08	38.79	56.03	70.54
August	62.47	75.42	92.47	45.07	53.03	71.02
September	69.26	77.46	93.49	50.52	57.21	71.57
October	70.02	72.98	86.83	51.27	57.24	70.82
November	68.09	66.88	76.10	50.95	50.87	64.53
December	67.35	64.57	77.68	49.32	44.02	62.15
YEAR	56.67	67.40	80.61	39.98	48.54	60.13

SHEEP

Production The 1982 value of production, including marketings of sheep, lambs and wool, was estimated at $940,700, an increase of 23.5 percent from 1981. Change in inventory was not included.

Crop District	Sheep & Lambs	
	1981	1982
1	461	1,093
2	7,493	4,932
3	396	537
4	270	646
5	389	166
6	1,090	672
7	2,016	2,672
8	784	1,184
9	1,460	1,413
10	189	233
11	897	728
12	1,345	1,262
PROVINCE	16,790	15,538

Month	Sheep & Lambs	
	1981	1982
January	576	1,030
February	880	653
March	549	1,015
April	2,197	745
May	846	849
June	882	1,461
July	1,030	1,404
August	1,679	1,614
September	2,321	2,095
October	1,407	1,495
November	1,786	1,300
December	2,637	1,877
YEAR	16,790	15,538

Marketings

Total marketings of Manitoba sheep and lambs in 1982, including direct exports, were 21,710 head, an increase of 24.3 percent from 1981. The number of sheep and lambs marketed within the province (excluding direct exports) was 15,538 head, down 7.5 percent from 1981. Direct exports in 1982 were 6,172 head.

Prices

Prices in 1982, depending on the grade of the animal, were near to slightly down from 1981 levels. The annual average price for A and B lambs 36 kilograms (80 pounds) and over was $1.22 per kilogram ($55.38 per 100 pounds) compared to a five-year average of $1.33 per kilogram ($60.51 per 100 pounds).

Wool Production

The total value of production in 1982 was estimated at $58,000, down $24,000 from 1981. The average price received by producers was approximately 94.5 cents per kilogram (42.9 cents per pound). Production was 61,371 kilograms (135,300 pounds), an increase of 2.0 percent from 1981. Additional pulled wool was obtained but its value was not calculated since it was already included in the sales value of the animal.

DAIRY

Milk production in 1982 was estimated at 293 545 kilolitres, up 1.7 percent from production in 1981. Cash receipts from all milk sold off the farm totalled $106,036,000, up $9,098,000 from 1981. Supplementary payments decreased by $259,000 in 1982 relative to the same period in 1981.

Milk Sales and Cash Receipts

	Sales			Cash Receipts		
	1980	1981	1982	1980	1981	1982
		(kilolitres)			($000)	
Milk and Cream for:						
Fluid Purposes	110 180	108 415	108 392	37,514	43,821	46,926
Industrial						
Delivered as Milk	143 864	148 987	153 707	34,048	38,764	44,728
Delivered as Cream	34 035	31 149	31 446	3,929	4,002	4,290
Total Farm Sales of:						
Milk and Cream	288 079	288 551	293 545	75,491	86,587	95,944
Supplementary Payments	—	—	—	10,115	10,351	10,092
TOTAL	288 079	288 551	293 545	85,606	96,938	106,036

	Sales			Cash Receipts		
	1980	1981	1982	1980	1981	1982
		(000 lbs)			($000)	
Milk and Cream for:						
Fluid Purposes	250,108	246,102	246,049	37,514	43,821	46,926
Industrial						
Deliverd as Milk	326,571	338,200	348,914	34,048	38,764	44,728
Delivered as Cream	77,259	70,708	71,382	3,929	4,002	4,290
Total Farm Sales of:						
Milk and Cream	653,938	655,010	666,345	75,491	86,587	95,944
Supplementary Payments	—	—	—	10,115	10,351	10,092
TOTAL	653,938	655,010	666,345	85,606	96,938	106,036

Butter Production

In 1982, butter production was 4 266 000 kilograms (9,405,000 pounds), an increase of 108 000 kilograms (238,000 pounds) from 1981. Butter production in June and August of 1982 fell approximately 44.0 and 2.0 percent below levels for the same period in 1981. Production in all other months in 1982 exceeded levels in the corresponding months in 1981.

Cheddar Cheese Production

Cheddar cheese production in 1982 was 4 788 000 kilograms (10,560,000 pounds), down 1 654 000 kilograms (3,647,000 pounds) from the level in 1981. The ice-cream mix listed represents one-half of the actual ice-cream volume as two parts of ice cream are made from one part of mix.

Dairy Factory Production by Month, 1982

Month	Butter (000 kg)	Cheddar Cheese (000 kg)	Ice-Cream Mix (000 L)	Butter (000 lb)	Cheddar Cheese (000 lb)	Ice-Cream Mix (000 gal)
January	324	497	576	714	1,096	123
February	335	404	597	738	891	127
March	360	408	872	794	899	186
April	358	248	1 084	789	547	231
May	455	390	1 174	1,003	860	250
June	433	428	1 121	955	944	239
July	379	411	1 266	836	906	270
August	323	386	1 133	712	851	241
September	354	402	784	780	886	167
October	352	409	533	776	902	113
November	277	349	722	611	769	154
December	316	456	678	697	1,005	144
YEAR	4 266	4 788	10 540	9,405	10,556	2,245

Total Milk Supply

Total 1982 Manitoba milk production was 262.1 million litres, up 4.949 million litres. Monthly production in 1982 was higher than in 1981 except for the months of July, August and September. The month of March, 1982 recorded the largest increase.

The 1982 producer price for Class 1 milk was $46.14 per hectolitre ($20.32 per hundredweight), up $2.24 per hectolitre ($0.99 per hundredweight) from the average value in 1981.

Milk Cows

The number of milk cows on Manitoba farms as of July 1, 1982 was 80,500 head, down 2,500 head from July 1, 1981. Dairy replacement heifer numbers remained unchanged over the above twelve-month period at 32,000 head.

POULTRY

The production value of the poultry industry for 1982 remained relatively constant with a total value of $95,872,000. Egg production value dropped by 3 percent due largely to a drop in the price for commercial eggs. Broiler production value declined but the value for roasters was up 30 percent. Value for fowl, turkeys and geese rose while the value for ducks declined.

	— 1981 —			— 1982 —		
	Doz. (000)	Price (¢/doz)	Value ($000)	Doz. (000)	Price (¢/doz)	Value ($000)
Eggs						
Sold for market	48,708	85.3	41,548	48,985	82.5	40,413
Used on farms	952	85.3	812	761	82.5	628
Hatching (chicks)	1,958	209.0	4,092	1,810	215.0	3,892
	51,618		46,452	51,556		44,933
Hatching (turkeys)	244	610.0	1,488	240	656.0	1,574
TOTAL EGG VALUE			47,940			46,507
	Birds (000)	**Price ($ each)**	**Value ($000)**	**Birds (000)**	**Price ($ each)**	**Value ($000)**
Meat						
Chicken						
Broilers	11,608	1.81	21,010	11,379	1.78	20,255
Roasting	2,257	3.41	7,696	2,205	4.52	9,967
Fowl	1,854	0.25	464	2,075	0.25	519
	15,719		29,170	15,659		30,741
Turkeys						
Broilers	324	6.59	2,135	351	7.03	2,468
Roasting	857	12.35	10,584	895	11.78	10,543
	1,181		12,719	1,246		13,011
Geese	317	11.15	3,535	363	11.00	3,993
Ducks	400	5.46	2,184	402	4.03	1,620
TOTAL MEAT VALUE			47,608			49,365
TOTAL POULTRY (Eggs and Meat)			95,548			95,872

The average number of laying hens per month on Manitoba farms was 2,645,000 in January, 1982 and 2,588,000 in December, 1982. Production per bird at year-end was at the rate of 259 eggs per bird.

Marketings

Relative to 1981, marketings in 1982 of chicken broilers and roasters decreased by 2.0 and 2.3 percent, respectively, whereas marketings of fowl and turkeys increased by 11.9 and 5.5 percent, respectively.

Manitoba Egg Quota Allocation and Inventory*, 1982

Month	LAYER NUMBERS	
	Allocation	Inventory
January	2,419,730	2,290,179
February	2,419,730	2,231,639
March	2,419,730	2,214,190
April	2,419,730	2,268,518
May	2,419,730	2,273,345
June	2,419,730	2,256,661
July	2,419,730	2,182,847
August	2,419,730	2,251,222
September	2,419,730	2,234,445
October	2,419,730	2,264,549
November	2,419,730	2,253,567
December	2,419,730	2,297,719

* Source: Canadian Egg Marketing Agency, Report to Tenth Producers' Conference

The prices during 1982 averaged 2.8 cents higher than in 1981. The following table shows the monthly weighted price for all grades during the last five years.

Egg Prices to Producers, Winnipeg, 1978 - 1982

Month	ALL GRADES				
	1978	1979	1980	1981	1982
	— cents per dozen delivered, ungraded —				
January	58.0	62.9	69.6	83.1	83.2
February	59.1	63.8	71.4	84.6	83.4
March	59.3	64.4	70.6	84.5	83.1
April	59.7	64.9	70.4	84.4	80.9
May	60.8	65.0	69.1	84.8	80.4
June	61.8	65.8	68.0	85.2	81.5
July	61.8	66.8	70.1	86.5	82.9
August	61.5	67.8	72.1	88.5	84.8
September	60.5	68.7	73.9	86.3	84.6
October	60.8	69.3	75.8	86.6	83.7
November	60.8	69.5	77.8	85.2	81.6
December	61.7	68.6	79.8	84.0	80.4
YEAR	60.5	66.6	72.4	85.3	82.5

HORSES

Normally, there is no production value calculated for horses since they are not considered a product and perform a resource function similar to machinery. Recreational use is becoming increasingly important. The 1981 Census reported 31,284 horses on Manitoba farms. In 1982, 114 farmers collected pregnant mare's urine under contract from some 6,100 mares. Gross farm income from this source was $4,930,000.

HONEY

Although a mild winter favoured overwintering of bees, spring conditions were only fair for the buildup of package and wintered colonies.

The late spring and early summer conditions were generally good to excellent for nectar production. However, the honey flow was cut short in many areas by frost that occurred in mid to late August. A 4.0 and 4.3 percent increase in the number of colonies and the average per hive production, respectively, resulted in an 8.7 percent increase in 1982 production relative to 1981.

Honey Prices and Production, Manitoba, 1981, 1982

	1981	1982
Number of Beekeepers	1,550	1,600
Number of Colonies	103,000	108,000
Honey:		
Average kg/hive	73	72
Average lb/hive	(162)	(159)
Total Production-kg	7 569 000	7 789 000
Total Production-lb	(16,686,000)	(17,172,000)
Price/kg-¢	134	134
Price/lb-¢	(61)	(61)
TOTAL VALUE	$10,178,000	$10,475,000
Beeswax:		
Production-kg	113 631	116 835
Production-lb	(250,290)	(258,000)
Price/kg-¢	502	416
Price/lb-¢	(228)	(189)
TOTAL VALUE	$ 570,661	$ 488,000
TOTAL VALUE HONEY & BEESWAX	$10,748,000	$10,963,000

Package bee prices in 1982 increased, on average, 3.4 percent from last year. For a two-pound package of bees and a queen, prices ranged from $24.50 to $28.75. Package bee prices are not expected to increase greatly in 1983.

Approximately 33,000 colonies of bees were overwintered in Manitoba during the winter of 1982-83.

Due to weak retail sales and continued strong competition in the international market from Argentina, Mexico and China (mainland), the honey market remained soft following the 1982 harvest. By year-end, many beekeepers still had substantial amounts of unsold honey. As a result of the difficult market conditions, the price for bulk honey did not change much from 1981. Approximately 43 percent of the Manitoba crop was delivered to the Manitoba Co-operative Honey Producers Ltd., about 50 percent went on the "open market" and approximately seven percent moved directly to the consumer.

FUR

The value of fur production from licensed fur farms in Manitoba was estimated at 1.8 million dollars in the 1982 season compared to $2,118,778 in the 1981 season, down 13.2 percent. The number of pelts in 1981 was 61,011. Mink accounted for the total value.

Number of mink pelts sold from fur farms	62,170
Estimated value of mink pelts sold from fur farms	$1,839,211

FOREST PRODUCTS

The value of production was estimated at $1,054,000 in 1982, down 2.7 percent from 1981. This was based on total commercial sales and included pulpwood, fenceposts, maple products, etc. from farm woodlots. The 1981 Census reported 248 184 hectares (613,277 acres) of woodland compared to 375 710 hectares (928,410 acres) reported for the 1976 Census on Manitoba farms.

RESOURCES

LAND AND FARMS

Land Use

Land Use by Area, Manitoba, 1981

Crop District	— IMPROVED LAND — Crops	Fallow	Pasture	Other	Total	— UNIMPROVED LAND — Woodland	Other	Total Land
				— Thousand Hectares —				
1	498	59	34	10	601	6	139	747
2	484	76	43	13	615	14	210	839
3	429	114	36	14	593	22	217	832
4	180	60	22	7	268	14	98	380
5	181	42	15	5	243	17	62	322
6	338	69	45	15	466	44	319	829
7	655	44	46	17	762	20	138	919
8	763	31	22	15	832	16	92	940
9	351	27	20	11	410	14	63	486
10	78	11	11	4	104	14	57	175
11	222	27	16	9	274	8	73	355
12	242	40	41	13	336	60	396	792
PROVINCE	4 420	598	353	133	5 504	248	1 864	7 616

	— IMPROVED LAND — Crops	Fallow	Pasture	Other	Total	— UNIMPROVED LAND — Woodland	Other	Total Land
				— Thousand Acres —				
1	1,231	145	85	25	1,486	14	345	1,845
2	1,195	187	107	32	1,521	35	518	2,074
3	1,059	282	90	34	1,465	55	537	2,057
4	445	147	53	17	663	34	241	938
5	448	103	37	13	601	42	153	796
6	835	170	111	37	1,152	109	787	2,048
7	1,617	108	113	43	1,882	49	340	2,271
8	1,885	77	56	38	2,056	39	228	2,323
9	868	66	50	28	1,012	35	155	1,202
10	192	28	28	9	258	34	142	433
11	549	67	40	22	677	20	181	878
12	599	99	101	31	829	148	979	1,956
PROVINCE	10,923	1,479	871	328	13,601	613	4,605	18,819

Summerfallow, 1980 - 1982

Crop District	1980	1981	1982	1980	1981	1982
	— 000 hectares —			— 000 acres —		
1	95	59	61	235	147	151
2	124	77	79	307	190	195
3	161	116	111	399	287	272
4	77	60	59	190	149	146
5	50	42	38	123	104	94
6	97	70	65	240	172	161
7	63	45	33	156	110	82
8	55	32	31	136	78	77
9	34	27	26	85	67	65
10	17	11	12	41	28	29
11	30	28	27	73	68	67
12	47	40	45	115	100	111
PROVINCE	850	607	587	2.100	1.500	1.450

FARM NUMBER, SIZE, TYPES

The 1981 Census defines a farm as an agricultural holding with sales of agricultural products during a 12 month period of $250 or more.

In 1981, the total amount of all farms in Manitoba numbered 29,442 averaging 259 hectares (639 acres) per farm. Details about farm size, numbers and sales for Manitoba are listed below.

Size and Number of Farms by Area, 1981

Crop District	All Farms (sales ≥ $250) Number	Per Farm Hectares	Acres	Census Farms (sales ≥ $1,200) Number	Per Farm Hectares	Acres	Census Farms (sales ≥ $10,000)
1	2.140	862	349	2.106	873	353	1.849
2	2.712	765	310	2.615	787	318	2.178
3	2.801	734	297	2.725	750	304	2.210
4	1.362	689	279	1.316	705	285	999
5	1.323	602	244	1.267	619	250	954
6	2.708	756	306	2.566	783	317	1.846
7	3.285	691	280	3.184	709	287	2.651
8	4.216	551	223	4.103	564	228	3.550
9	3.348	359	145	3.056	386	156	2.067
10	1.035	418	169	875	458	185	431
11	2.052	428	173	1.875	459	186	1.169
12	2.460	795	322	2.263	840	340	1.519
PROVINCE	29.442	639	259	27.951	664	269	21.423

Farm Types By Area, 1981

Percent of Farms With

Crop District	— Crops — Wheat	Oats	Barley	Flax	— Livestock — Cattle	Hogs	Sheep	Poultry
1	82	40	60	44	58	12	2	26
2	68	45	56	24	62	15	2	26
3	81	37	71	16	58	18	1	28
4	80	49	65	4	66	15	2	37
5	79	38	66	13	47	19	2	32
6	67	48	49	18	63	19	2	34
7	70	34	58	38	49	14	2	20
8	78	21	63	45	46	23	2	22
9	53	24	38	14	46	19	3	27
10	44	35	27	14	55	17	2	32
11	60	24	42	15	45	14	2	22
12	45	27	40	14	67	16	2	29
PROVINCE	68	34	54	24	54	17	2	27

LAND VALUES

Capital Investment

The average capital investment in land and buildings was $266,141 per farm (1981 Census). This value has increased substantially since 1976, reflecting trends towards increased size of farms and inflated values. Value per hectare (acre) of farmland per crop district is listed below.

Value of Farm Lands, 1981 - 1982

(Buildings Included)

Crop District	— Dollars per Hectare — 1981	1982	— Dollars per Acre — 1981	1982
1	734	729	297	295
2	697	796	282	322
3	657	685	266	277
4	546	628	221	254
5	620	687	251	278
6	465	447	188	181
7	1,119	1,250	453	506
8	1,572	1,626	636	658
9	1,623	1,666	657	674
10	583	536	236	217
11	1,203	1,458	487	590
12	336	442	136	179
PROVINCE	865	909	350	368

16 600

TENURE

Farms Classified by Tenure of Operator — 1981 Census

	No. of Operators	Total Hectares	Total Acres
Owner	16,083	2 667 768	6,592,198
Tenant	2,259	578 874	1,430,428
Part Owner, Part Tenant	11,100	4 369 282	10,796,733
TOTAL	29,442	7 615 926	18,819,359

Farm operators owned 5 097 655 hectares (12,596,581 acres) and rented an additional 2 518 269 hectares (6,222,788 acres).

PEOPLE

Population

Manitoba's farm population continues to decline with the consolidation of farms. In 1981 there were 98,375 people on census farms. Of the 29,442 farm operators, 10.7 percent did not live on the farms they operated, 1.9 percent lived on their farms four months of less, 2.5 percent five to eight months, and 84.9 percent lived on their farms nine to twelve months. About 45 percent of the operators were between 35 to 54 years of age, 24.5 percent under 35 years, 21.0 percent between 55 to 64, and 9.5 percent over 65 years of age.

Census Farm Labour

Off-Farm Work. The 1981 census showed 10,297 farms reporting 1,604,871 days worked off farm.

	Farms Reporting Off-Farm Work									
Days — From	1	7	13	25	49	73	97	127	157	229
— To	6	12	24	48	72	96	126	156	228	365
Farms —	397	345	533	917	816	668	990	583	2,076	3,072

Hired Labour. The 1981 Census showed 9,433 farms hiring 247,727 total weeks of full-time and part-time labour. Most farm workers were hired on a part-time basis. However, the 2,347 farms reporting year round workers supplied over 53 percent of the total weeks hired labour.

FARM WAGES

In 1982 the average per month wage rate, with and without board, increased by 2.0 and 7.8 percent, respectively, from 1981. The total cost of hired labour in 1982 increased by 10.9 percent over 1981.

Male Farm Help Wages at Mid-August, 1981 - 1982

	— Per Hour —		— Per Day —		— Per Month —	
	1981	1982	1981	1982	1981	1982
With Board	$4.32	$4.61	$33.42	$36.39	$709	$723
Without Board	4.89	5.16	44.14	47.71	809	872

CAPITAL

Investment In Agriculture

In 1981, average investment per Manitoba farm amounted to $354,966, an increase of 15 percent over 1976. Land and buildings accounted for 75 percent, machinery for 17 percent and livestock for 8 percent, respectively, of the total capital investment. Total provincial investment in agriculture was $10,450,954,346 in 1981, surpassing the 1976 value by 130 percent. Capital investment per farm by area is listed below.

Capital Investment Per Farm By Area, 1981

Crop District	Land and Buildings	Machinery and Equipment	Livestock	Total
		— (Dollars per farm) —		
1	329,055	81,928	30,951	441,934
2	288,622	69,407	34,198	392,227
3	225,954	62,881	23,534	312,369
4	194,384	53,963	27,041	275,388
5	192,466	55,039	16,000	263,505
6	164,855	48,678	29,635	243,168
7	378,637	78,529	27,572	484,738
8	393,976	78,566	20,423	492,965
9	262,662	51,444	25,235	339,341
10	127,612	32,945	20,253	180,810
11	247,796	50,498	23,506	321,800
12	132,239	43,348	39,884	215,471
PROVINCE	266,140	61,939	26,887	354,966

MACHINERY

The number of farm trucks licensed for operation in Manitoba in 1982 was 67,021, an increase of 1.08 percent over 1981.

	Number on Manitoba Farms	Sales During		
	1981	1980	1981	1982
Tractors	67,342	2,251	2,132	1,787
Combines —				
self-propelled	16,309	461	700	453
pull type	6,322	320	356	183
Balers —				
hand portable bales	11,927	186	132	102
large round bales	3,767	624	513	363
Swathers and Wind Rowers	24,291	1,249	1,328	977

FERTILIZER

The total volume of sales increased from 517 000 tonnes (569,900 tons) in 1981 to 521 300 tonnes (574,500 tons) in 1982.

Sales in Manitoba, July 1 to June 30 — 1981 and 1982

	Tonnes Sold		Tons Sold	
	1981	1982	1981	1982
	— 000's —			
Formulation Types:				
Ammonium Phosphate	169.4	142.1	186.7	156.6
Ammonium Nitrate	77.8	67.5	85.8	74.4
Ammonium Nitrate Phosphate	34.3	29.3	37.8	32.3
Urea	90.0	88.6	99.2	97.6
Anhydrous Ammonia	54.3	74.0	59.9	81.6
Nitrogen Solutions	35.0	47.7	38.6	52.6
Ammonium Sulphate	9.9	9.2	10.9	10.1
Potassium Chloride	31.4	29.6	34.6	32.6
Other Fertilizer Materials	10.9	29.8	12.0	32.8
Materials — TOTAL	513.0	517.8	565.5	570.6
Mixed Fertilizers	4.0	3.5	4.4	3.9
TOTAL FERTILIZER SALES	517.0	521.3	569.9	574.5

HERBIDICES

The amounts of 2,4-D and MCPA herbicides used in Manitoba for 1981 and 1982 are shown below. The use of TCA decreased by 6.1 percent. Dalapon decreased by 73.9 percent and other chemicals (except wild oat herbicides) increased by 50.9 percent in 1982 from 1981. The area treated for wild oats increased by 6 percent in 1982 over 1981.

	Active Material	
	1981	1982
	— kilograms —	
2,4-D		
Ester	11 400	1 500
Ester low volatile	58 200	65 200
Amine	393 000	454 300
MCPA		
Ester	69 100	12 000
Amine	373 200	429 600
Sodium and Potassium Salt	65 600	64 500
	— pounds —	
2,4-D		
Ester	25,200	3,300
Ester low volatile	128,300	143,700
Amine	866,500	1,001,500
MCPA		
Ester	152,300	26,500
Amine	822,700	947,100
Sodium and Potassium Salt	144,500	142,200

INCOME

Farm Cash Income

Farm cash income refers to the amount of money producers received during the calendar year. Most of the cash income in the first half of the year includes the sale of products produced during the previous year. Cash income for the second half is derived mainly from the current year's production. Total farm income amounted to $1,686,077,000 in 1982, 1.3 percent higher than in 1981. Cash income from crops decreased by 0.6 percent and that from livestock increased by 10.5 percent over 1981.

	1978	1979	1980	1981	1982
	— thousand dollars —				
Crop Sales					
Wheat	223,433	241,053	340,984	343,871	458,432
Wheat C.W.B. Payments	10,757	40,219	43,039	130,685	46,563
Oats	13,950	6,198	4,642	6,973	7,431
Oats C.W.B. Payments	1,735	—	264	—	87
Barley	82,927	93,476	84,234	127,678	138,389
Barley C.W.B. Payments	16,408	9,468	9,330	20,323	15,246
Western Grain Stabilization Payments	18,400	41,400	—	—	—
Crop Insurance Payments	6,000	11,177	55,289	18,259	19,811
C.W.B. Net Cash Advance Payments	-362	-10,892	-5,156	29,907	158
Deferred Grain Receipts	-34,764	-45,233	-58,068	-68,869	-65,364
Liquidation of Deferred Grain Receipts	33,481	34,764	45,233	58,068	68,869
Rye	4,761	7,202	17,110	16,477	12,642
Flaxseed	54,597	77,173	92,919	74,566	56,988
Canola (rapeseed)	90,699	122,521	100,383	79,821	103,745
Corn	2,441	6,780	8,497	23,402	27,409
Sugar Beets	11,528	10,049	20,153	22,063	12,152
Potatoes	19,465	17,906	24,089	34,296	35,392
Vegetables	5,097	6,231	7,195	8,711	9,919
Horticulture and Nursery	4,843	5,309	5,160	5,384	5,546
Other Crops	52,172	60,769	56,623	75,998	47,738
TOTAL CROPS	617,568	735,570	851,920	1,007,613	1,001,153
Livestock Sales					
Cattle	225,996	264,028	265,186	253,085	258,867
Calves	28,103	30,189	42,116	23,533	38,066
Hogs	105,128	117,147	112,635	138,112	170,433
Sheep and Lambs	486	806	1,004	1,099	1,236
Dairy Products	57,335	63,419	75,491	86,587	95,944
Poultry	30,582	36,561	37,853	41,065	42,318
Eggs	28,910	32,025	37,536	45,100	44,289
Honey	8,019	9,264	9,278	10,748	10,963
Other Livestock and Products	8,678	8,304	11,605	8,083	8,896
TOTAL LIVESTOCK AND PRODUCTS	493,237	561,743	592,704	607,412	671,012
Provincial Income Stabilization Program	7,100	250	—	5,965	1,694
Dairy Supplementary Payments	10,370	9,757	10,115	10,351	10,092
Deficiency Payments	3,599	734	2,470	11,394	246
Forest Products	258	298	280	1,083	1,054
Supplementary Payments	—	—	6,110	21,352	—
Other Payments	—	—	—	—	826
TOTAL CASH RECEIPTS	1,132,132	1,308,352	1,463,599	1,665,170	1,686,077

FARM CASH AND OVERHEAD EXPENSES

In 1982, total farm operating expenses were $1,479,900,000, up 3.8 percent from 1981. Although production costs have continued to increase in 1982, the rate of increase has slowed substantially from 1981.

	1978	1979	1980	1981	1982
		— thousand dollars —			
Taxes	23,208	25,174	27,601	27,019	29,181
Cash Rent	27,278	42,218	47,679	49,201	58,156
Share Rent	25,529	25,574	29,675	27,165	29,882
Cash Wages	33,141	39,390	45,501	61,729	68,457
Room and Board	1,980	1,865	1,714	1,447	1,644
Interest	81,757	118,994	148,722	193,584	173,190
Fuel — Machinery	72,773	80,100	87,913	130,841	161,719
Machinery Repairs, etc.	74,809	82,045	92,626	115,343	121,687
Fertilizer	101,402	133,540	145,361	162,959	151,226
Pesticides	42,928	58,263	57,093	82,298	88,635
Seed, Twine, Wire, etc.	26,877	37,340	39,254	41,937	39,368
Feed	64,471	83,146	123,433	116,419	115,837
Feeder Cattle and Weanling Pigs	20,265	24,349	30,483	23,581	20,512
Other Livestock Expenses	5,287	6,580	7,291	7,988	9,532
Building Repairs	16,328	17,524	17,980	21,940	23,147
Electricity	17,793	21,689	22,272	20,682	23,784
Telephone	4,011	4,731	5,275	5,584	5,707
Insurance	9,376	9,666	13,683	9,569	15,095
Custom Work	8,763	12,324	13,209	22,694	25,531
Stabilization Levies	4,684	6,637	9,270	9,690	9,180
Miscellaneous	28,615	35,145	39,624	43,937	47,638
Total Operating Expenses	691,275	866,294	1,005,659	1,175,607	1,219,108
Building Depreciation	12,530	13,526	15,412	23,755	20,962
Machinery Depreciation	146,999	170,243	194,879	225,951	239,830
TOTAL EXPENSES	850,804	1,050,063	1,215,950	1,425,313	1,479,900

FARM NET INCOME

Farm net income refers to the returns to capital and labour of the farm operator and unpaid members of the farm family. It is the proceeds left over after payment of expenses, for family living and investment. A part of net income is imputed for home consumption of product, home rent and changes in inventory of crops and livestock. In 1982, farm net income was estimated at $334,621,000, down 24.8 percent from the 1981 record. However, relative to the past five-year average, 1982 net farm income is up 21.9 percent.

	1978	1979	1980	1981	1982
		— thousand dollars —			
Farm Cash Receipts	1,132,132	1,308,352	1,463,599	1,665,170	1,686,077
Income in Kind	15,526	17,689	17,357	18,262	17,820
Realized Gross Income	1,147,658	1,326,041	1,480,956	1,683,432	1,703,897
Operating and Depreciation Cost	850,804	1,050,063	1,215,950	1,425,313	1,479,900
REALIZED NET INCOME	296,854	275,978	265,006	258,119	223,997
Value of Inventory Change	43,190	-49,295	-205,277	187,122	110,624
TOTAL NET INCOME	340,044	226,683	59,729	445,241	334,621

WEATHER

Temperatures during the 1981-82 winter were near normal except in January when the mean reading was 5.9 percent below the long-term average. In May and June temperatures averaged slightly below normal. Precipitation levels in winter months were slightly below normal and, by the end of June, levels were down 35 percent from the historical average. Dry conditions contributed to problems with soil drifting.

Spring field work and seeding became general by the second week in May. Favourable weather conditions throughout May and June enabled seeding operations to progress satisfactorily across much of the province. However, spraying for weeds in some areas was delayed due to isolated wet conditions. Above normal precipitation in July eased concern over dry soil conditions and in combination with warm temperatures resulted in improved prospects for record crop production.

Harvesting operations were started by August 18 and became general by the following week. Record yields were established for wheat, oats, barley and flaxseed. Hay yields were equal to that achieved in 1980 and were up 9.3 percent from the ten-year average yield.

Weather Record for the Year 1982, Winnipeg

Compiled by Weather Office, Atmospheric Environment Service

	— Temperature —		— Precipitation —		— Sunshine —		
Month	Mean °C	Normal °C	1982 mm	Normal mm	Hours	Percent of Possible	Normal Hours
January	-25.2	-19.3	25.7	21.3	124.0	46.4	121.2
February	-14.5	-15.6	7.8	17.5	139.5	49.5	144.2
March	-7.3	-8.2	35.8	22.7	178.4	48.5	176.2
April	2.7	3.4	13.3	38.5	281.3	68.2	219.8
May	13.4	11.3	23.3	65.7	241.9	50.7	265.6
June	13.6	16.8	54.2	80.1	304.3	62.3	276.1
July	20.0	19.6	106.9	75.9	307.6	62.4	315.6
August	16.8	18.3	59.0	75.2	312.9	69.8	283.3
September	12.2	12.4	58.2	53.3	201.1	53.0	184.6
October	6.2	6.1	62.0	30.9	111.0	33.2	151.5
November	-5.8	-4.5	5.7	25.2	115.9	42.5	90.7
December	-9.9	-14.0	31.7	19.2	70.5	27.8	92.6
Year	1.9	2.2	483.6	525.5	2388.4	53.4	2321.4

Precipitation at Various Manitoba Points, 1982

— millimetres —

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Altona	42 0	9 5	28 8	25 5	48 1	92 0	112 8	42 5	65 4	56 2	13 6	30 5	566 9
Birtle	19 5	5 4	18 7	30 0	55 9	45 0	79 2	45 0	60 8	67 6	9 8	20 3	457 2
Brandon A	24 4	4 8	24 2	39 9	55 0	43 7	144 1	48 2	62 1	61 7	3 8	23 6	535 5
Carman	35 0	2 0	29 0	28 4	40 0	71 6	112 4	61 8	59 2	109 5	8 5	31 0	588 4
Churchill A	29 8	15 4	25 7	1 4	77 8	120 6	69 7	53 7	87 6	33 8	49 9	38 3	603 7
Cypress River	20 6	3 2	18 8	12 6	56 0	59 0	109 2	48 2	52 4	61 2	2 4	39 2	482 8
Dauphin A	15 7	8 2	36 4	22 0	57 8	25 1	98 6	85 4	61 3	85 3	6 1	22 7	524 6
Emerson	45 8	8 6	27 0	28 6	65 8	79 0	181 6	59 2	49 0	69 0	21 0	24 6	659 2
Flin Flon A	13 0	12 3	33 3	17 9	40 6	57 4	53 9	108 1	28 2	32 1	23 0	39 8	459 6
Gimli	30 9	10 0	48 6	19 7	27 5	46 2	222 4	54 8	51 6	53 2	7 9	37 7	610 5
Hamiota	38 0	14 0	23 0	27 0	63 0	46 0	67 0	50 0	55 0	80 0	3 0	42 0	508 0
Lundar	17 0	7 0	10 0	8 0	28 0	57 0	92 0	70 0	45 0	48 0	11 0	28 0	421 0
McCreary	10 0	4 2	30 4	44 2	61 3	66 0	120 8	60 4	63 3	77 3	6 5	11 6	556 0
Morden AC	30 6	6 2	28 6	19 6	52 6	102 2	101 1	45 6	72 0	93 8	11 0	36 8	600 1
Morris	32 4	7 2	35 6	20 4	38 2	93 2	82 5	40 0	62 4	82 0	7 0	29 4	530 3
Neepawa	19 9	6 7	24 5	25 4	45 2	68 0	129 6	57 6	58 1	56 2	1 2	22 4	514 8
Pierson	29 0	2 0	16 0	13 5	64 8	58 9	80 0	85 0	53 0	78 0	3 8	31 4	515 4
Pilot Mound	35 2	10 2	27 2	19 0	53 7	71 1	81 4	41 6	61 2	69 4	7 2	34 4	511 6
Pinawa	28 5	12 7	42 4	27 3	25 0	70 2	139 8	88 1	39 6	53 9	15 2	33 8	576 5
Portage la Prairie A	42 0	8 4	20 3	12 1	43 1	66 0	183 3	47 0	66 2	69 7	6 8	31 0	595 9
Roblin	8 0	8 0	3 5	5 5	44 2	23 9	127 9	40 9	52 8	26 5	5 5	25 0	371 7
Russell	34 0	17 6	20 0	23 8	57 6	20 6	100 2	68 0	63 7	53 7	8 0	19 0	486 2
Shoal Lake	30 0	7 0	17 0	29 1	61 3	58 8	141 1	30 0	66 8	79 6	8 0	18 0	546 7
Sprague	43 6	11 1	21 4	29 8	55 2	64 8	140 8	91 2	66 2	87 8	20 6	12 7	645 2
Steinbach	43 0	3 0	20 0	25 5	31 5	91 2	88 0	65 3	44 0	85 5	16 6	26 2	539 8
Swan River	17 0	12 0	9 6	6 5	47 6	14 1	189 2	58 1	68 4	22 2	7 6	32 4	484 7
The Pas A	8 1	16 0	20 3	12 9	25 9	29 0	32 5	58 1	35 7	33 2	7 9	39 3	318 9
Thompson A	18 3	30 6	40 2	34 1	51 2	54 0	75 9	70 9	60 9	36 7	37 4	51 3	561 5
Turtle Mountain	42 0	9 0	26 0	9 2	103 9	61 6	67 0	76 0	57 4	107 2	8 0	36 5	603 8
Virden	20 6	7 5	35 4	16 7	64 1	56 1	77 8	33 8	58 0	93 2	3 0	30 5	496 7
Winnipeg A	25 7	7 8	35 8	13 3	23 3	54 2	106 9	59 0	58 2	62 0	5 7	31 7	483 6

— inches —

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Altona	1 65	0 37	1 13	1 00	1 89	3 62	4 44	1 67	2 57	2 21	0 53	1 20	22 28
Birtle	0 77	0 21	0 74	1 18	2 20	1 77	3 12	1 77	2 39	2 66	0 39	0 80	18 00
Brandon A	0 96	0 19	0 95	1 57	2 17	1 72	5 67	1 90	2 44	2 43	0 15	0 93	21 08
Carman	1 38	0 08	1 14	1 12	1 58	2 82	4 43	2 43	2 33	4 31	0 33	1 22	23 17
Churchill A	1 17	0 61	1 01	0 06	3 06	4 75	2 74	2 11	3 45	1 33	1 96	1 51	23 77
Cypress River	0 81	0 13	0 74	0 50	2 20	2 32	4 30	1 90	2 06	2 41	0 09	1 54	19 01
Dauphin A	0 62	0 32	1 43	0 87	2 28	0 99	3 88	3 36	2 41	3 36	0 24	0 89	20 65
Emerson	1 80	0 34	1 06	1 13	2 59	3 11	7 15	2 33	1 93	2 72	0 83	0 97	25 95
Flin Flon A	0 51	0 48	1 31	0 70	1 60	2 26	2 12	4 26	1 11	1 26	0 91	1 57	18 09
Gimli	1 22	0 39	1 91	0 78	1 08	1 82	8 76	2 16	2 03	2 09	0 31	1 48	24 04
Hamiota	1 50	0 55	0 91	1 06	2 48	1 81	2 64	1 97	2 17	3 15	0 12	1 65	20 00
Lundar	0 67	0 28	0 39	0 31	1 10	2 24	3 62	2 76	1 77	1 89	0 43	1 10	16 57
McCreary	0 39	0 17	1 20	1 74	2 41	2 60	4 76	2 38	2 49	3 04	0 26	0 46	21 89
Morden AC	1 20	0 24	1 13	0 77	2 07	4 02	3 98	1 80	2 83	3 69	0 43	1 45	23 63
Morris	1 28	0 28	1 40	0 80	1 50	3 67	3 25	1 57	2 46	3 23	0 28	1 16	20 88
Neepawa	0 78	0 26	0 96	1 00	1 78	2 68	5 10	2 27	2 29	2 21	0 05	0 88	20 27
Pierson	1 14	0 08	0 63	0 53	2 55	2 32	3 15	3 35	2 09	3 07	0 15	1 24	20 29
Pilot Mound	1 39	0 40	1 07	0 75	2 11	2 80	3 20	1 64	2 41	2 73	0 28	1 35	20 14
Pinawa	1 12	0 50	1 67	1 07	0 98	2 76	5 50	3 47	1 56	2 12	0 60	1 33	22 70
Portage la Prairie A	1 65	0 33	0 80	0 48	1 70	2 60	7 22	1 85	2 61	2 74	0 27	1 22	23 46
Roblin	0 31	0 31	0 14	0 22	1 74	0 94	5 04	1 61	2 08	1 04	0 22	0 98	14 63
Russell	1 34	0 69	0 79	0 94	2 27	0 81	3 94	2 68	2 51	2 11	0 31	0 75	19 14
Shoal Lake	1 18	0 28	0 67	1 15	2 41	2 31	5 56	1 18	2 63	3 13	0 31	0 71	21 52
Sprague	1 72	0 44	0 84	1 17	2 17	2 55	5 54	3 59	2 61	3 46	0 81	0 50	25 40
Steinbach	1 69	0 12	0 79	1 00	1 24	3 59	3 46	2 57	1 73	3 37	0 65	1 03	21 25
Swan River	0 67	0 47	0 38	0 26	1 87	0 56	7 45	2 29	2 69	0 87	0 30	1 28	19 08
The Pas A	0 32	0 63	0 80	0 51	1 02	1 14	1 28	2 29	1 41	1 31	0 31	1 55	12 56
Thompson A	0 72	1 20	1 58	1 34	2 02	2 13	2 99	2 79	2 40	1 44	1 47	2 02	22 11
Turtle Mountain	1 65	0 35	1 02	0 36	4 09	2 43	2 64	2 99	2 26	4 22	0 31	1 44	23 77
Virden	0 81	0 30	1 39	0 66	2 52	2 21	3 06	1 33	2 28	3 67	0 12	1 20	19 56
Winnipeg A	1 01	0 31	1 41	0 52	0 92	2 13	4 21	2 32	2 29	2 44	0 22	1 25	19 04

AC Agriculture Canada A Airport

MANITOBA AGRICULTURE IN PERSPECTIVE

Relationship to Canadian Agriculture

This section is designed to show how certain features of Manitoba agriculture relate to the national situation. Latest possible information is given for each item listed. Items were selected to indicate a fairly representative cross section of the agricultural industry.

Crop Production	Year	Canada Quantity	Manitoba Quantity	Percent of Canada
		— thousand tonnes —		
Wheat	1982	27 620	3 728	13 5
Oats	1982	3 776	571	15 1
Barley	1982	14 074	2 373	16 9
Flaxseed	1982	747	437	58 5
Canola (rapeseed)	1982	2 114	401	19 0
		— thousand bushels —		
Wheat	1982	1.014.896	137.000	13 5
Oats	1982	244.858	37.000	15 1
Barley	1982	646.427	109.000	16 9
Flaxseed	1982	29.400	17.200	58 5
Canola (rapeseed)	1982	93.200	17.700	19 0
Livestock and Poultry		— 000 —	— 000 —	
Cattle, July 1	1982	13.036	1.120	8 6
Hogs, July 1	1982	9.810	865	8 8
Egg Production	1982	493.559 doz	51.556 doz	10 5
Milk and Cream Sales	1982	7 580 376 L	293 545 L	3 9
Marketings		— number —	— number —	
Slaughter Cattle	1982	3.775.481	272.205	7 2
Feeder Cattle	1982	651.525	98.937	15 2
TOTAL	1982	4.427.006	371.142	8 4
Hogs	1982	12.886.106	1.130.686	8 8
Sheep and Lambs	1982	267 492	15.538	5 8
Resources (Census Farms)				
Land in Farms	1981	65 888 916 ha	7 615 926 ha	11 6
Improved Land	1981	46 121 591 ha	5 503 980 ha	11 9
Land in Farms	1981	162.815.073 ac	18.819.359 ac	11 6
Improved Land	1981	113.968.945 ac	13.600.633 ac	11 9
Farm Numbers	1981	318,361	29.442	9 2
Farm Population	1981	1.081.637	98.375	9.1
Tractors on Farms	1981	657.606	67.342	10 2
Income		— thousand dollars —		
Farm Cash Income	1981	18.835.293	1.665.170	8 8
Cash and Overhead Expenses	1981	15.016.194	1.425.313	9 5
Farm Net Income	1981	4.726.122	445.241	9 4
Farm Cash Income	1982	18.839.505	1.686.077	9 0
Cash and Overhead Expenses	1982	15.567.731	1.479.900	9 5
Farm Net Income	1982	3.806.070	334.621	8 8

PAST TRENDS

Production Value Summary

Year	Crops	Livestock	Honey & Wax	Other	Total
			— million dollars —		
1948	224	102	1.3	1 7	329
1949	205	102	0 8	2.2	310
1950	229	92	0 8	2 2	324
1951	232	130	0.7	2 3	365
1952	252	110	0 5	3 5	366
1953	186	96	0.7	3 3	286
1954	143	101	0 6	3 4	248
1955	172	106	0 9	4 1	283
1956	208	103	0 9	4 1	316
1957	157	110	0 9	4 1	272
1958	195	141	0 8	4 2	341
1959	201	132	0 8	4 2	338
1960	224	124	0 9	3 1	352
1961	137	135	1 0	4 0	277
1962	293	129	0 8	3 2	426
1963	243	135	1 1	3 9	383
1964	295	134	1 0	3 0	433
1965	321	143	1 1	3 9	469
1966	322	165	1 4	3 6	492
1967	307	164	1 6	3 4	476
1968	294	164	0 7	3 3	462
1969	264	209	1 5	3 5	478
1970	233	223	1 5	1 5	459
1971	338	206	1 4	1 6	547
1972	437	253	3 0	1 0	694
1973	929	355	3 9	2 1	1.290
1974	708	339	3 5	3 5	1.054
1975	767	326	3 2	4 8	1.101
1976	741	330	4 8	7 2	1.083
1977	851	345	5 2	7 8	1.209
1978	1.077	428	8 0	4 0	1.517
1979	1.028	537	9 3	5.7	1.580
1980	1.122	533	9 3	4 7	1.669
1981	1.451	524	10.7	5 3	1.991
1982	1.434	562	11 0	7 8	2.015

CROPS

Wheat

Year	Planted Hectares (000)	Yield Per Hectare (kilograms)	Production (000 tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1948	879	1 548	1 360 800	60 99	83.000
1949	1 168	1 212	1 415 232	59 86	84.760
1950	964	1 412	1 360 800	59 52	81.000
1951	941	1 533	1 442 448	59 16	85.330
1952	958	1 619	1 551 312	59 89	92.910
1953	931	1 403	1 306 368	49 97	65.280
1954	866	911	789 264	48 13	37.990
1955	840	1 361	1 143 072	52 18	59.640
1956	890	1 712	1 524 096	47 77	72.800
1957	890	1 498	1 333 584	48 50	64.680
1958	1 004	1 654	1 660 176	49 97	82.960
1959	1 080	1 562	1 687 392	50 70	85.560
1960	1 133	1 585	1 796 256	59 16	106.260
1961	1 179	785	925 344	64 67	59.840
1962	1 231	1 769	2 177 280	62 46	136.000
1963	1 276	1 301	1 660 176	62 83	104.310
1964	1 370	1 689	2 313 360	59 89	138.550
1965	1 311	1 640	2 150 064	60 63	130.350
1966	1 317	1 633	2 150 064	65 40	140.620
1967	1 424	1 720	2 449 440	60 26	147.600
1968	1 376	1 800	2 476 656	48 27	119.544
1969	1 012	1 721	1 741 824	45 56	79.360
1970	567	1 464	830 088	52 18	43.310
1971	1 019	1 976	2 013 984	50 34	101.380
1972	1 052	1 785	1 877 904	68 34	128.340
1973	1 214	1 726	2 095 555	158 00	331.100
1974	1 133	1 417	1 605 700	146 98	236.000
1975	1 255	1 691	2 122 800	129 71	275.340
1976	1 538	1 823	2 803 200	102 88	288.400
1977	1 295	2 123	2 748 800	98 10	269.670
1978	1 376	2 057	2 830 400	132 64	375.440
1979	1 214	1 681	2 041 200	169 64	346.260
1980	1 336	1 426	1 905 100	202 88	386.512
1981	1 578	2 105	3 326 100	168 64	560.898
1982	1 619	2 300	3 728 000	150 67	561.700

Wheat

Year	Planted Acres (000)	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value	
				Price Per Bushel $	Total ($000)
1948	2,172	23.0	50,000	1.66	83,000
1949	2,887	18.0	52,000	1.63	84,760
1950	2,382	21.0	50,000	1.62	81,000
1951	2,326	22.8	53,000	1.61	85,330
1952	2,368	24.1	57,000	1.63	92,910
1953	2,300	20.8	48,000	1.36	65,280
1954	2,139	13.5	29,000	1.31	37,990
1955	2,075	20.2	42,000	1.42	59,640
1956	2,199	25.6	56,000	1.30	72,800
1957	2,200	22.3	49,000	1.32	64,680
1958	2,480	24.6	61,000	1.36	82,960
1959	2,670	23.1	62,000	1.38	85,560
1960	2,800	23.6	66,000	1.61	106,260
1961	2,914	11.7	34,000	1.76	59,840
1962	3,042	26.3	80,000	1.70	136,000
1963	3,153	19.3	61,000	1.71	104,310
1964	3,385	25.1	85,000	1.63	138,550
1965	3,240	24.4	79,000	1.65	130,350
1966	3,255	24.3	79,000	1.78	140,620
1967	3,520	25.6	90,000	1.64	147,600
1968	3,400	26.8	91,000	1.31	119,544
1969	2,500	25.6	64,000	1.24	79,360
1970	1,400	21.8	30,500	1.42	43,310
1971	2,519	29.4	74,000	1.37	101,380
1972	2,600	26.5	69,000	1.86	128,340
1973	3,000	25.7	77,000	4.30	331,100
1974	2,800	21.1	59,000	4.00	236,000
1975	3,100	25.2	78,000	3.53	275,340
1976	3,800	27.1	103,000	2.80	288,400
1977	3,200	31.6	101,000	2.67	269,670
1978	3,400	30.6	104,000	3.61	375,440
1979	3,000	25.0	75,000	4.62	346,260
1980	3,300	21.2	70,000	5.52	386,512
1981	3,900	31.3	122,200	4.59	560,898
1982	4,000	34.3	137,000	4.10	561,700

Oats

Year	Harvested For Grain (000 hectares)	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1948	571	1 534	875 970	42.15	36,920
1949	650	1 184	769 558	49.93	38,423
1950	616	1 657	1 020 936	46.69	47,664
1951	665	1 345	894 476	46.04	41,180
1952	652	1 537	1 002 430	40.20	40,300
1953	571	1 431	817 366	37.61	30,740
1954	611	909	555 192	40.20	22,320
1955	601	1 283	771 100	41.50	32,000
1956	789	1 720	1 357 136	33.72	45,760
1957	607	1 220	740 256	33.72	24,960
1958	579	1 332	771 100	36.31	28,000
1959	575	1 341	771 100	41.50	32,000
1960	607	1 423	863 632	40.20	34,720
1961	526	704	370 128	40.85	15,120
1962	726	1 891	1 372 558	38.26	52,510
1963	656	1 458	956 164	35.66	34,100
1964	662	1 701	1 125 806	38.91	47,450
1965	617	1 850	1 141 228	46.04	52,540
1966	619	1 595	987 008	48.63	48,000
1967	647	1 573	1 017 852	44.74	45,540
1968	639	1 955	1 249 182	32.42	40,500
1969	619	1 719	1 064 118	35.01	37,260
1970	510	1 603	817 366	36.96	30,210
1971	565	2 074	1 172 072	34.37	40,280
1972	461	1 840	848 210	50.95	49,500
1973	526	1 847	971 586	105.69	102,690
1974	486	1 366	633 100	103.24	65,360
1975	445	1 733	771 100	93.37	72,000
1976	506	1 859	940 800	73.27	68,930
1977	425	2 105	894 500	64.19	57,420
1978	304	2 080	632 300	64.19	40,590
1979	182	1 694	308 400	88.85	27,400
1980	182	1 525	277 600	119.31	33,120
1981	243	1 906	462 700	95.96	44,400
1982	243	2 300	571 000	88.77	50,690

Oats

Year	Harvested For Grain (000 acres)	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value Price Per Bushel $	Farm Value Total ($000)
1948	1,412	40.2	56,800	0.65	36,920
1949	1,605	31.1	49,900	0.77	38,423
1950	1,522	43.5	66,200	0.72	47,664
1951	1,643	35.3	58,000	0.71	41,180
1952	1,611	40.3	65,000	0.62	40,300
1953	1,412	37.5	53,000	0.58	30,740
1954	1,510	23.8	36,000	0.62	22,320
1955	1,485	33.7	50,000	0.64	32,000
1956	1,950	45.0	88,000	0.52	45,760
1957	1,500	32.2	48,000	0.52	24,960
1958	1,430	35.1	50,000	0.56	28,000
1959	1,420	35.3	50,000	0.64	32,000
1960	1,500	37.3	56,000	0.62	34,720
1961	1,300	18.5	24,000	0.63	15,120
1962	1,794	49.6	89,000	0.59	52,510
1963	1,620	38.3	62,000	0.55	34,100
1964	1,635	44.6	73,000	0.65	47,450
1965	1,525	48.5	74,000	0.71	52,540
1966	1,530	41.8	64,000	0.75	48,000
1967	1,600	41.2	66,000	0.69	45,540
1968	1,580	51.3	81,000	0.50	40,500
1969	1,530	45.1	69,000	0.54	37,260
1970	1,260	42.1	53,000	0.57	30,210
1971	1,395	54.5	76,000	0.53	40,280
1972	1,140	48.2	55,000	0.90	49,500
1973	1,300	48.5	63,000	1.63	102,690
1974	1,200	35.8	43,000	1.52	65,360
1975	1,100	45.5	50,000	1.44	72,000
1976	1,250	48.8	61,000	1.13	68,930
1977	1,050	55.2	58,000	0.99	57,420
1978	750	54.7	41,000	0.99	40,590
1979	450	44.4	20,000	1.37	27,400
1980	450	40.0	18,000	1.84	33,120
1981	600	50.0	30,000	1.48	44,400
1982	600	61.7	37,000	1.37	50,690

Barley

Year	Harvested Hectares (000)	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value	
				Price Per Tonne $	Total ($000)
1948	623	1 573	979 785	45.01	44,100
1949	688	1 266	870 920	64.30	56,000
1950	695	1 723	1 197 515	52.36	62,700
1951	826	1 476	1 219 288	51.83	63,200
1952	876	1 765	1 545 883	50.98	78,810
1953	957	1 388	1 328 153	41.79	55,510
1954	891	1 075	958 012	42.25	40,480
1955	846	1 029	870 920	43.17	37,600
1956	626	1 461	914 466	38.58	35,280
1957	690	1 041	718 509	37.20	26,730
1958	641	1 495	958 012	37.20	35,640
1959	514	1 398	718 509	35.82	25,740
1960	376	1 390	522 552	38.58	20,160
1961	265	739	195 957	48.22	9,450
1962	255	1 793	457 233	44.09	20,160
1963	236	1 476	348 368	44.55	15,520
1964	201	1 733	348 368	48.22	16,800
1965	243	1 971	479 006	48.22	23,100
1966	354	1 722	609 644	50.52	30,800
1967	393	1 828	718 509	40.88	29,370
1968	473	1 979	936 239	36.28	33,970
1969	486	1 882	914 466	31.69	28,980
1970	607	1 829	1 110 423	33.99	37,740
1971	830	2 466	2 046 662	32.15	65,800
1972	850	2 177	1 850 705	57.87	107,100
1973	850	2 126	1 807 159	115.28	208,330
1974	728	1 584	1 153 900	101.97	117,660
1975	607	1 829	1 110 400	104.72	116,280
1976	648	2 257	1 458 700	91.86	134,000
1977	769	2 661	2 046 600	75.78	155,100
1978	708	2 614	1 850 700	77.62	143,650
1979	587	2 151	1 262 800	102.88	129,920
1980	809	1 940	1 567 600	136.87	214,560
1981	951	2 448	2 330 000	114.80	267,500
1982	809	2 900	2 373 000	104.27	247,430

Barley

Year	Harvested Acres (000)	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value	
				Price Per Bushel $	Total ($000)
1948	1,540	29.2	45,000	0.98	44,100
1949	1,699	23.5	40,000	1.40	56,000
1950	1,717	32.0	55,000	1.14	62,700
1951	2,040	27.5	56,000	1.13	63,200
1952	2,165	32.8	71,000	1.11	78,810
1953	2,365	25.8	61,000	0.91	55,510
1954	2,202	20.0	44,000	0.92	40,480
1955	2,090	19.1	40,000	0.94	37,600
1956	1,548	26.9	42,000	0.84	35,280
1957	1,704	19.4	33,000	0.81	26,730
1958	1,584	27.8	44,000	0.81	35,640
1959	1,270	25.9	33,000	0.78	25,740
1960	930	26.1	24,000	0.84	20,160
1961	655	13.7	9,000	1.05	9,450
1962	629	33.4	21,000	0.96	20,160
1963	584	27.4	16,000	0.97	15,520
1964	497	32.2	16,000	1.05	16,800
1965	601	36.6	22,000	1.05	23,100
1966	875	32.0	28,000	1.10	30,800
1967	970	34.0	33,000	0.89	29,370
1968	1,170	36.8	43,000	0.79	33,970
1969	1,200	35.0	42,000	0.69	28,980
1970	1,500	34.0	51,000	0.74	37,740
1971	2,052	45.8	94,000	0.70	65,800
1972	2,100	40.5	85,000	1.26	107,100
1973	2,100	39.5	83,000	2.51	208,330
1974	1,800	29.4	53,000	2.22	117,660
1975	1,500	34.0	51,000	2.28	116,280
1976	1,600	41.9	67,000	2.00	134,000
1977	1,900	49.5	94,000	1.65	155,100
1978	1,750	48.6	85,000	1.69	143,650
1979	1,450	40.0	58,000	2.24	129,920
1980	2,000	36.0	72,000	2.98	214,560
1981	2,350	45.5	107,000	2.50	267,500
1982	2,000	54.5	109,000	2.27	247,430

Flaxseed

Year	Planted Hectares (000)	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1948	405	590	238 779	150 38	35.908
1949	57	512	29 162	130 68	3,811
1950	131	608	79 584	135 43	10,778
1951	265	446	118 119	152 35	17,996
1952	202	578	116 849	125 58	14,674
1953	170	568	96 528	96 84	9,348
1954	180	564	101 608	104 32	10,600
1955	215	520	111 769	110 23	12,320
1956	319	637	203 216	101 96	20,720
1957	350	254	88 907	97 63	8,680
1958	223	535	119 389	103 14	12,314
1959	233	502	116 849	119 68	13,984
1960	286	568	162 573	108 26	17,600
1961	303	360	109 229	129 91	14,190
1962	270	734	198 136	118 10	23,400
1963	332	712	236 239	112 20	26,505
1964	415	649	269 261	116 13	31,270
1965	546	754	411 512	105 90	43,578
1966	448	595	266 710	106 29	28,350
1967	267	542	144 791	121 25	17,556
1968	332	796	264 181	111 80	29,536
1969	445	582	259 100	101 17	26,214
1970	445	656	292 112	87 40	25,530
1971	229	654	149 872	85 82	12,862
1972	202	741	149 872	161 40	24,190
1973	243	794	193 055	375 96	72,580
1974	283	592	167 700	376 24	63,096
1975	304	703	213 500	257 70	55,020
1976	212	753	160 000	266 96	42,714
1977	304	1 088	330 100	206 76	68,250
1978	304	1 046	317 500	268 11	85,125
1979	506	878	444 500	279 92	124,425
1980	324	651	211 000	319 80	67,479
1981	280	923	261 600	322 47	84,357
1982	364	1 200	437 000	291 65	127,452

Flaxseed

Year	Planted Acres (000)	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value Price Per Bushel $	Farm Value Total ($000)
1948	1,000	9.4	9,400	3.82	35,908
1949	140	8.2	1,148	3.32	3,811
1950	323	9.7	3,133	3.44	10,778
1951	655	7.1	4,650	3.87	17,996
1952	500	9.2	4,600	3.19	14,674
1953	420	9.0	3,800	2.46	9,348
1954	444	9.0	4,000	2.65	10,600
1955	531	8.3	4,400	2.80	12,320
1956	789	10.1	8,000	2.59	20,720
1957	865	4.0	3,500	2.48	8,680
1958	550	8.6	4,700	2.62	12,314
1959	575	8.0	4,600	3.04	13,984
1960	707	9.1	6,400	2.75	17,600
1961	748	5.7	4,300	3.30	14,190
1962	667	11.7	7,800	3.00	23,400
1963	820	11.3	9,300	2.85	26,505
1964	1,025	10.3	10,600	2.95	31,270
1965	1,350	12.0	16,200	2.69	43,578
1966	1,107	9.5	10,500	2.70	28,350
1967	660	8.6	5,700	3.08	17,556
1968	820	12.7	10,400	2.84	29,536
1969	1,100	9.3	10,200	2.57	26,214
1970	1,100	10.5	11,500	2.22	25,530
1971	566	10.4	5,900	2.18	12,862
1972	500	11.8	5,900	4.10	24,190
1973	600	12.7	7,600	9.55	72,580
1974	700	9.4	6,600	9.56	63,096
1975	750	11.2	8,400	6.55	55,020
1976	525	12.0	6,300	6.78	42,714
1977	750	17.3	13,000	5.25	68,250
1978	750	16.7	12,500	6.81	85,125
1979	1,250	14.0	17,500	7.11	124,425
1980	800	10.4	8,300	8.13	67,479
1981	694	14.8	10,300	8.19	84,357
1982	900	19.1	17,200	7.41	127,452

Rye

Year	Planted Hectares (000)	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value	
				Price Per Tonne $	Total ($000)
1948	48	1 056	50 702	50 79	2.575
1949	19	1 003	19 052	46 82	892
1950	33	1 001	33 023	51 57	1.703
1951	21	1 010	21 211	60 63	1.286
1952	29	1 069	30 990	55 89	1.732
1953	56	1 270	71 126	34 25	2.436
1954	37	1 092	40 389	37 02	1.495
1955	36	1 235	44 454	36 98	1.644
1956	28	998	27 942	38 19	1.067
1957	30	1 016	30 482	34 64	1.056
1958	29	1 051	30 482	33 46	1.020
1959	34	1 240	42 167	34 65	1.461
1960	34	1 240	42 167	34 24	1.444
1961	32	703	22 506	42 52	957
1962	48	1 588	76 206	41 34	3.150
1963	38	1 404	53 342	49 29	2.625
1964	54	1 317	71 123	41 34	2.940
1965	54	1 411	76 203	40 94	3.120
1966	41	1 487	60 965	42 52	2.592
1967	57	1 189	67 747	42 51	2.880
1968	49	1 296	63 505	39 37	2.500
1969	66	1 138	75 136	34 24	2.573
1970	53	1 360	72 088	34 25	2.469
1971	52	1 602	83 319	29 52	2.460
1972	33	1 409	46 486	51 56	2.397
1973	33	1 651	54 487	104 32	5.684
1974	41	1 549	63 502	88 58	5.625
1975	47	1 621	76 203	98 42	7.500
1976	37	1 854	68 600	84 23	5.778
1977	45	1 873	83 900	86 14	7.227
1978	51	1 951	99 100	102 32	10.140
1979	50	1 600	80 000	144 90	11.592
1980	61	1 225	74 700	171 99	12.848
1981	76	2 290	175 300	139 73	24.495
1982	81	2 260	183 100	117 18	21.456

Rye

Year	Planted Acres (000)	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value	
				Price Per Bushel $	Total ($000)
1948	118	17.0	1,996	1.29	2,575
1949	46	16.3	750	1.19	892
1950	82	15.8	1,300	1.31	1,703
1951	53	15.8	835	1.54	1,286
1952	72	16.9	1,220	1.42	1,732
1953	133	20.3	2,800	0.87	2,436
1954	92	17.2	1,590	0.94	1,495
1955	89	19.7	1,750	0.94	1,644
1956	68	16.1	1,100	0.97	1,067
1957	73	16.5	1,200	0.88	1,056
1958	72	16.8	1,200	0.85	1,020
1959	83	20.0	1,660	0.88	1,461
1960	83	20.0	1,660	0.87	1,444
1961	80	11.1	886	1.08	957
1962	119	25.2	3,000	1.05	3,150
1963	95	22.1	2,100	1.25	2,625
1964	133	21.1	2,800	1.05	2,940
1965	133	22.6	3,000	1.04	3,120
1966	101	23.9	2,400	1.08	2,592
1967	141	18.9	2,667	1.08	2,880
1968	120	20.8	2,500	1.00	2,500
1969	163	18.1	2,958	0.87	2,573
1970	130	21.8	2,838	0.87	2,469
1971	128	25.5	3,280	0.75	2,460
1972	82	22.5	1,830	1.31	2,397
1973	82	26.2	2,145	2.65	5,684
1974	102	24.5	2,500	2.25	5,625
1975	117	25.6	3,000	2.50	7,500
1976	92	29.3	2,700	2.14	5,778
1977	110	30.0	3,300	2.19	7,227
1978	125	31.2	3,900	2.60	10,140
1979	125	25.2	3,150	3.68	11,592
1980	150	19.6	2,940	4.37	12,848
1981	190	36.3	6,900	3.55	24,495
1982	200	36.0	7,200	2.98	21,456

Mixed Grains

Year	Planted Hectares (000)	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value	
				Price Per Tonne $	Total ($000)
1948	8	1 416	11 326	45.21	512
1949	11	1 241	13 650	41.98	573
1950	13	1 622	21 089	48.41	1.021
1951	13	1 511	19 639	43.03	845
1952	15	1 488	22 318	41.40	924
1953	13	1 591	20 680	40.33	834
1954	15	1 220	18 300	43.01	787
1955	19	1 196	22 726	43.56	990
1956	27	1 613	43 555	34.42	1.499
1957	29	1 284	37 194	32.80	1.220
1958	45	1 404	63 230	35.49	2.244
1959	55	1 416	77 904	39.25	3.058
1960	51	1 456	74 278	40.33	2.996
1961	64	830	53 133	48.93	2.600
1962	50	1 860	92 986	44.09	4.100
1963	51	1 422	72 529	40.87	2.964
1964	51	1 787	91 127	45.17	4.116
1965	59	1 891	111 584	45.71	5.100
1966	74	1 720	127 298	51.08	6.503
1967	72	1 731	124 602	48.39	6.030
1968	72	1 989	143 199	41.40	5.929
1969	77	1 715	132 041	34.41	4.544
1970	101	1 694	171 095	38.18	6.532
1971	115	2 183	251 063	34.95	8.775
1972	117	1 987	232 466	58.07	13.500
1973	119	1 954	232 466	111.31	25.875
1974	81	1 378	111 584	102.17	11.400
1975	81	1 722	139 500	100.00	13.950
1976	69	2 040	140 800	76.94	10.833
1977	69	2 367	163 300	79.85	13.040
1978	65	2 174	141 300	91.44	12.920
1979	57	2 112	120 400	104.87	12.626
1980	49	1 792	87 800	129.78	11.395
1981	49	2 260	110 000	114.87	12.636
1982	49	2 695	131 000	124.58	16.320

Mixed Grains

Year	Planted Acres (000)	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value Price Per Bushel $	Farm Value Total ($000)
1948	21	29.4	609	0.84	512
1949	27	27.0	734	0.78	573
1950	32	35.0	1,134	0.90	1,021
1951	33	32.0	1,056	0.80	845
1952	37	32.8	1,200	0.77	924
1953	33	33.4	1,112	0.75	834
1954	38	25.7	984	0.80	787
1955	47	26.0	1,222	0.81	990
1956	67	35.0	2,342	0.64	1,499
1957	72	27.7	2,000	0.61	1,220
1958	111	30.6	3,400	0.66	2,244
1959	136	30.8	4,189	0.73	3,058
1960	126	31.7	3,994	0.75	2,996
1961	157	18.2	2,857	0.91	2,600
1962	124	40.3	5,000	0.82	4,100
1963	126	31.0	3,900	0.76	2,964
1964	126	38.9	4,900	0.84	4,116
1965	146	41.1	6,000	0.85	5,100
1966	184	37.2	6,845	0.95	6,503
1967	178	37.6	6,700	0.90	6,030
1968	178	43.3	7,700	0.77	5,929
1969	190	37.4	7,100	0.64	4,544
1970	250	36.8	9,200	0.71	6,532
1971	284	47.5	13,500	0.65	8,775
1972	290	43.1	12,500	1.08	13,500
1973	295	42.4	12,500	2.07	25,875
1974	200	30.0	6,000	1.90	11,400
1975	200	37.5	7,500	1.86	13,950
1976	170	40.6	6,900	1.57	10,833
1977	170	47.1	8,000	1.63	13,040
1978	160	47.5	7,600	1.70	12,920
1979	140	42.1	5,900	2.14	12,626
1980	120	35.8	4,300	2.65	11,395
1981	120	45.0	5,400	2.34	12,636
1982	120	53.3	6,400	2.55	16,320

Grain Corn

Year	Planted Hectares (000)	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value	
				Price Per Tonne $	Total ($000)
1948	4 006	1 883	7 544	49 18	371
1949	8 903	1 569	13 971	37 36	522
1950	12 140	816	9 907	37 35	370
1951	10 117	377	3 810	39.37	150
1952	7 972	1 759	14 022	43 29	607
1953	6 070	1 883	11 431	39.37	450
1954	4 006	1 465	5 868	43 28	254
1955	2 549	1 883	4 801	43.32	208
1956	2 873	1 574	4 522	47 32	214
1957	3 237	1 569	5 080	47 24	240
1958	2 833	1 569	4 445	45.67	203
1959	2 023	1 883	3 810	37 27	142
1960	2 226	2 043	4 547	42 45	193
1961	1 659	1 883	3 124	45 13	141
1962	1 335	2 512	3 353	45.33	152
1963	1 821	2 511	4 572	49 21	225
1964	2 023	1 569	3 175	47 24	150
1965	2 428	1 569	3 810	49 34	188
1966	1 174	2 813	3 302	57 84	191
1967	2 226	3 138	6 986	58 98	412
1968	1 012	2 510	2 540	51 97	132
1969	1 214	2 092	2 540	53 15	135
1970	1 416	2 511	3 556	59 06	210
1971	3 683	3 035	11 177	49 21	550
1972	5 261	3 380	17 781	61 02	1.085
1973	6 475	3 452	22 354	120 07	2.684
1974	2 024	2 384	4 826	144 42	697
1975	4 856	3 923	19 050	120 10	2.288
1976	6 900	4 232	29 200	118 94	3.473
1977	9 700	4 062	39 400	103 07	4.061
1978	35 600	4 140	147 300	110.25	16.240
1979	53 000	3 738	198 100	124 03	24.570
1980	57 000	3 365	190 500	133 86	25.500
1981	91 000	4 750	432 000	107 04	46.240
1982	81 000	3 136	254 000	104.72	26.600

Grain Corn

Year	Planted Acres (000)	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value	
				Price Per Bushel $	Total ($000)
1948	9,900	30.0	297	1.25	371
1949	22,000	25.0	550	0.95	522
1950	30,000	13.0	390	0.95	370
1951	25,000	6.0	150	1.00	150
1952	19,700	28.0	552	1.10	607
1953	15,000	30.0	450	1.00	450
1954	9,900	23.3	231	1.10	254
1955	6,300	30.0	189	1.10	208
1956	7,100	25.0	178	1.20	214
1957	8,000	25.0	200	1.20	240
1958	7,000	25.0	175	1.16	203
1959	5,000	30.0	150	0.95	142
1960	5,500	32.5	179	1.08	193
1961	4,100	30.0	123	1.15	141
1962	3,300	40.0	132	1.15	152
1963	4,500	40.0	180	1.25	225
1964	5,000	25.0	125	1.20	150
1965	6,000	25.0	150	1.25	188
1966	2,900	44.8	130	1.47	191
1967	5,500	50.0	275	1.50	412
1968	2,500	40.0	100	1.32	132
1969	3,000	33.3	100	1.35	135
1970	3,500	40.0	140	1.50	210
1971	9,100	48.4	440	1.25	550
1972	13,000	53.8	700	1.55	1,085
1973	16,000	55.0	880	3.05	2,684
1974	5,000	38.0	190	3.67	697
1975	12,000	62.5	750	3.05	2,288
1976	17,000	67.6	1,150	3.02	3,473
1977	24,000	64.6	1,550	2.62	4,061
1978	88,000	65.9	5,800	2.80	16,240
1979	130,000	60.0	7,800	3.15	24,570
1980	140,000	53.6	7,500	3.40	25,500
1981	225,000	75.6	17,000	2.72	46,240
1982	200,000	50.0	10,000	2.66	26,600

Field Peas

Year	Planted Hectares (000)	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1948	6 880	1 076	7 403	84.56	626
1949	4 047	1 345	5 443	71.65	390
1950	4 047	1 412	5 715	75.24	430
1951	6 030	1 548	9 335	91.91	858
1952	7 487	1 679	12 574	82.71	1.040
1953	14 973	1 412	21 147	53.29	1.127
1954	12 140	1 211	14 697	77.16	1.134
1955	16 592	673	11 159	73.48	820
1956	22 500	1 413	31 788	55.12	1.752
1957	22 662	1 009	22 861	55.12	1.260
1958	21 043	942	19 813	73.49	1.456
1959	19 829	807	16 003	69.80	1.117
1960	16 592	1 258	20 875	73.49	1.534
1961	18 899	1 015	19 051	77.16	1.470
1962	12 869	1 057	13 608	80.83	1.100
1963	14 973	1 272	19 051	84.51	1.610
1964	23 876	1 547	36 932	69.80	2.578
1965	17 199	1 494	25 692	66.13	1.699
1966	18 615	1 069	19 895	82.68	1.645
1967	12 140	1 569	19 051	77.16	1.470
1968	13 354	1 076	14 370	74.60	1.072
1969	21 043	970	20 412	68.69	1.402
1970	24 281	1 143	27 760	68.34	1.897
1971	20 517	1 592	32 659	64.30	2.100
1972	18 211	1 494	27 216	69.81	1.900
1973	14 164	1 614	22 861	202.09	4.620
1974	16 187	1 396	22 589	232.24	5.246
1975	14 164	1 441	20 412	165.34	3.375
1976	15 000	1 793	26 900	174.81	4.702
1977	22 000	1 668	36 700	202.32	7.425
1978	25 500	2 030	51 700	150.68	7.790
1979	28 000	1 846	51 700	159.86	8.265
1980	34 000	1 441	49 000	238.78	11.664
1981	40 500	1 950	79 000	249.99	19.749
1982	44 500	1 836	81 700	192.97	15.766

Field Peas

Year	Planted Acres (000)	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value Price Per Bushel $	Farm Value Total ($000)
1948	17,000	16.0	272	2.30	626
1949	10,000	20.0	200	1.95	390
1950	10,000	21.0	210	2.05	430
1951	14,900	23.0	343	2.50	858
1952	18,500	25.0	462	2.25	1,040
1953	37,000	21.0	777	1.45	1,127
1954	30,000	18.0	540	2.10	1,134
1955	41,000	10.0	410	2.00	820
1956	55,600	21.0	1,168	1.50	1,752
1957	56,000	15.0	840	1.50	1,260
1958	52,000	14.0	728	2.00	1,456
1959	49,000	12.0	588	1.90	1,117
1960	41,000	18.7	767	2.00	1,534
1961	46,700	15.0	700	2.10	1,470
1962	31,800	15.7	500	2.20	1,100
1963	37,000	18.9	700	2.30	1,610
1964	59,000	23.0	1,357	1.90	2,578
1965	42,500	22.2	944	1.80	1,699
1966	46,000	15.9	731	2.25	1,645
1967	30,000	23.3	700	2.10	1,470
1968	33,000	16.0	528	2.03	1,072
1969	52,000	14.4	750	1.87	1,402
1970	60,000	17.0	1,020	1.86	1,897
1971	50,700	23.7	1,200	1.75	2,100
1972	45,000	22.2	1,000	1.90	1,900
1973	35,000	24.0	840	5.50	4,620
1974	40,000	20.8	830	6.32	5,246
1975	35,000	21.4	750	4.50	3,375
1976	38,000	26.1	990	4.75	4,702
1977	55,000	24.5	1,350	5.50	7,425
1978	63,000	30.2	1,900	4.10	7,790
1979	70,000	27.1	1,900	4.35	8,265
1980	84,000	21.4	1,800	6.48	11,664
1981	100,000	29.0	2,900	6.81	19,749
1982	110,000	27.3	3,003	5.25	15,766

Buckwheat

Year	Planted Hectares	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1954	9 712	888	8 622	43.61	376
1955	14 164	592	8 383	50.58	424
1956	25 009	538	13 456	39.02	525
1957	14 164	699	9 907	34.42	341
1958	12 140	737	8 949	41.35	370
1959	6 070	538	3 266	41.33	135
1960	6 070	839	5 095	45.93	234
1961	5 342	583	3 114	52.67	164
1962	4 047	1 130	4 572	73.49	336
1963	6 070	1 076	6 532	66.60	435
1964	10 522	828	8 709	45.93	400
1965	8 094	538	4 355	48.22	210
1966	9 186	806	7 403	84.97	629
1967	18 211	628	11 431	91.86	1,050
1968	20 234	570	11 540	89.60	1,034
1969	20 234	699	14 152	80.41	1,138
1970	32 374	942	30 482	64.30	1,960
1971	32 374	1 076	34 837	68.89	2,400
1972	30 351	825	25 039	64.30	1,610
1973	26 304	745	19 600	172.19	3,375
1974	16 187	942	15 240	223.23	3,402
1975	10 117	925	9 362	156.16	1,462
1976	18 000	483	8 700	185.75	1,616
1977	32 000	1 022	32 700	206.42	6,750
1978	48 500	1 212	58 800	206.63	12,150
1979	55 000	396	21 800	200.92	4,380
1980	40 000	435	17 400	287.36	5,000
1981	50 600	910	46 000	377.09	17,346
1982	46 500	468	21 800	316.65	6,903

Mustard Seed

Year	Hectares	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1966	12 747	616	7 847	112.44	882
1967	11 736	785	9 208	119.05	1,096
1968	26 304	948	24 948	110.23	2,750
1969	14 973	909	13 608	74.96	1,020
1970	10 117	942	9 526	80.41	766
1971	4 168	893	3 720	83.78	312
1972	6 070	934	5 670	99.21	562
1973	16 187	897	14 515	154.32	2,240
1974	16 187	840	13 600	408.09	5,550
1975	9 308	707	6 577	275.51	1,812
1976	7 300	890	6 500	248.15	1,613
1977	16 000	1 019	16 300	231.90	3,780
1978	25 000	1 161	29 030	242.51	7,040
1979	10 000	950	9 500	221.05	2,100
1980	17 800	915	16 300	331.29	5,400
1981	18 300	1 040	19 000	382.42	7,266
1982	10 100	980	9 900	241.41	2,390

Buckwheat

Year	Planted Acres	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value Price Per Bushel $	Farm Value Total ($000)
1954	24,000	16.5	396	0.95	376
1955	35,000	11.0	385	1.10	424
1956	61,800	10.0	618	0.85	525
1957	35,000	13.0	455	0.75	341
1958	30,000	13.7	411	0.90	370
1959	15,000	10.0	150	0.90	135
1960	15,000	15.6	234	1.00	234
1961	13,200	10.8	143	1.15	164
1962	10,000	21.0	210	1.60	336
1963	15,000	20.0	300	1.45	435
1964	26,000	15.4	400	1.00	400
1965	20,000	10.0	200	1.05	210
1966	22,700	15.0	340	1.85	629
1967	45,000	11.7	525	2.00	1,050
1968	50,000	10.6	530	1.95	1,034
1969	50,000	13.0	650	1.75	1,138
1970	80,000	17.5	1,400	1.40	1,960
1971	80,000	20.0	1,600	1.50	2,400
1972	75,000	15.3	1,150	1.40	1,610
1973	65,000	13.8	900	3.75	3,375
1974	40,000	17.5	700	4.86	3,402
1975	25,000	17.2	430	3.40	1,462
1976	44,000	9.1	400	4.04	1,616
1977	80,000	18.8	1,500	4.50	6,750
1978	120,000	22.5	2,700	4.50	12,150
1979	135,000	7.4	1,000	4.38	4,380
1980	98,000	8.2	800	6.25	5,000
1981	125,000	16.8	2,100	8.26	17,346
1982	115,000	8.7	1,000	6.90	6,903

Mustard Seed

Year	Acres	Yield Per Acre (pounds)	Production (000 pounds)	Farm Value Price Per Bushel $	Farm Value Total ($000)
1966	31,500	549	17,300	.051	882
1967	29,000	700	20,300	.054	1,096
1968	65,000	846	55,000	.050	2,750
1969	37,000	810	30,000	.034	1,020
1970	25,000	840	21,000	.0365	766
1971	10,300	796	8,200	.038	312
1972	15,000	833	12,500	.045	562
1973	40,000	800	32,000	.070	2,240
1974	40,000	750	30,000	.185	5,550
1975	23,000	630	14,500	.125	1,812
1976	18,000	800	14,400	.112	1,613
1977	40,000	900	36,000	.105	3,780
1978	62,000	1,032	64,000	.110	7,040
1979	25,000	840	21,000	.100	2,100
1980	44,000	818	36,000	.150	5,400
1981	45,000	933	42,000	.173	7,266
1982	25,000	877	21,925	.109	2,390

Sunflowers

Year	Hectares	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1953	2 630	1 067	2 806	94 80	266
1954	8 498	835	6 759	88 18	596
1955	8 094	911	7 371	92 52	682
1956	13 354	596	7 963	94 81	755
1957	12 140	448	5 443	99 21	540
1958	18 211	482	8 777	114 62	1.006
1959	12 950	538	6 967	88 13	614
1960	11 331	897	10 161	99 20	1 008
1961	12 343	785	9 684	99 24	961
1962	8 296	840	6 967	121 29	845
1963	14 973	1 065	15 944	97 03	1.547
1964	19 425	588	11 431	110 23	1 260
1965	19 425	616	11 975	132 28	1.584
1966	17 442	728	12 700	132 28	1 680
1967	17 806	897	15 967	99 20	1.584
1968	14 973	727	10 886	110 23	1 200
1969	19 425	794	15 422	121 26	1 870
1970	26 304	897	23 587	137 79	3 250
1971	62 725	841	52 731	134 47	7 091
1972	76 889	897	68 947	154 32	10 640
1973	50 585	785	39 690	220 45	8 750
1974	8 500	971	8 255	451 97	3 731
1975	25 090	1 193	29 937	220 45	6 600
1976	20 000	1 200	24 000	220 80	5 300
1977	67 000	1 185	79 400	253 46	20 125
1978	87 000	1 325	115 200	242 53	27 940
1979	154 000	1 355	208 700	242 45	50 600
1980	129 500	1 226	158 800	220 40	35 000
1981	109 300	1 453	158 800	227 00	36 050
1982	71 000	1 233	87 600	197 77	17 325

Canola (rapeseed)

Year	Hectares	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1959	4 856	841	4 082	88 19	360
1960	13 354	815	10 886	88 19	960
1961	11 857	689	8 165	79 36	648
1962	13 031	1 009	13 154	77 16	1.015
1963	18 211	947	17 237	110 23	1.900
1964	33 993	981	33 340	119 05	3.969
1965	58 679	928	54 432	108 02	5.880
1966	68 796	692	47 628	108 02	5.145
1967	58 679	889	52 164	84 66	4.416
1968	36 826	1 170	43 092	82 89	3.572
1969	79 317	1 001	79 380	105 82	8.400
1970	161 872	1 009	163 296	102 29	16.704
1971	235 119	1 158	272 160	94 80	25.800
1972	190 200	1 014	192 780	136 68	26.350
1973	161 872	1 079	174 636	257 50	44.968
1974	202 300	953	192 800	311 70	60.095
1975	303 500	934	283 500	225 31	63.875
1976	101 000	1 011	102 100	256 51	26.190
1977	202 000	1 437	290 300	278 22	80.768
1978	425 000	1 360	578 300	280 00	161.925
1979	546 300	1 040	567 000	266 75	151.250
1980	324 000	980	294 800	280 00	82.550
1981	243 000	1 260	306 000	274 85	84.105
1982	344 000	1 160	401 000	278 96	111.864

Sunflowers

Year	Acres	Yield Per Acre (pounds)	Production (000 pounds)	Farm Value Price Per Pound $	Farm Value Total ($000)
1953	6,500	952	6,185	043	266
1954	21,000	710	14,900	040	596
1955	20,000	812	16,250	042	682
1956	33,000	532	17,556	043	755
1957	30,000	400	12,000	045	540
1958	45,000	430	19,350	052	1,006
1959	32,000	480	15,360	040	614
1960	28,000	800	22,400	045	1,008
1961	30,500	700	21,350	045	961
1962	20,500	749	15,360	055	845
1963	37,000	950	35,150	044	1,547
1964	48,000	525	25,200	050	1,260
1965	48,000	550	26,400	060	1,584
1966	43,100	650	28,000	060	1,680
1967	44,000	800	35,200	045	1,584
1968	37,000	650	24,000	050	1,200
1969	48,000	708	34,000	055	1,870
1970	65,000	800	52,000	0625	3,250
1971	155,000	750	116,250	061	7,091
1972	190,000	800	152,000	070	10,640
1973	125,000	700	87,500	100	8,750
1974	21,000	867	18,200	205	3,731
1975	62,000	1,065	66,000	100	6,600
1976	50,000	1,060	53,000	100	5,300
1977	165,000	1,061	175,000	115	20,125
1978	215,000	1,182	254,000	110	27,940
1979	380,000	1,211	460,000	110	50,600
1980	320,000	1,094	350,000	100	35,000
1981	270,000	1,296	350,000	103	36,050
1982	175,000	1,100	192,500	090	17,325

Canola (rapeseed)

Year	Acres	Yield Per Acre (bushels)	Production (000 bushels)	Farm Value Price Per Bushel $	Farm Value Total $000)
1959	12,000	15 0	180	2 00	360
1960	33,000	14 5	480	2 00	960
1961	29,300	12 3	360	1 80	648
1962	32,200	18 0	580	1 75	1,015
1963	45,000	16 9	760	2 50	1,900
1964	84,000	17 5	1,470	2 70	3,969
1965	145,000	16 6	2,400	2 45	5,880
1966	170,000	12 4	2,100	2 45	5,145
1967	145,000	15 9	2,300	1 92	4,416
1968	91,000	20 9	1,900	1 88	3,572
1969	196,000	17 9	3,500	2 40	8,400
1970	400,000	18 0	7,200	2 32	16,704
1971	581,000	20 7	12,000	2 15	25,800
1972	470,000	18 1	8,500	3 10	26,350
1973	400,000	19 2	7,700	5 84	44,968
1974	500,000	17 0	8,500	7 07	60,095
1975	750,000	16 7	12,500	5 11	63,875
1976	250,000	18 0	4,500	5 82	26,190
1977	500,000	25 6	12,800	6 31	80,768
1978	1,050,000	24 3	25,500	6 35	161,925
1979	1,350,000	18 5	25,000	6 05	151,250
1980	800,000	16 2	13,000	6 35	82,550
1981	600,000	22 5	13,500	6 23	84,105
1982	850,000	20 8	17,700	6 32	111,864

Tame Hay

Year	Hectares (000)	Yield Per Hectare (tonnes)	Production (000 tonnes)	Farm Value	
				Price Per Tonne $	Total ($000)
1948	128	4.35	558	12.47	6 958
1949	132	3.63	481	14.66	7 042
1950	160	4.65	743	14.42	10 712
1951	161	3.65	590	13.23	7 800
1952	169	3.47	586	14.33	8 398
1953	182	4.71	857	11.02	9 450
1954	219	4.77	1 043	11.02	11 500
1955	236	4.48	1 058	11.57	12 243
1956	257	4.48	1 150	11.02	12 680
1957	292	3.97	1 157	11.02	12 750
1958	320	2.89	924	15.16	14 011
1959	338	3.95	1 332	16.54	22 020
1960	378	3.85	1 457	14.22	20 717
1961	406	2.02	820	19.29	15 820
1962	423	4.48	1 896	15.43	29 260
1963	413	4.10	1 694	16.53	28 005
1964	401	3.32	1 329	17.64	23 440
1965	388	3.81	1 481	18.19	26 928
1966	431	4.42	1 903	18.19	34 617
1967	426	3.41	1 452	19.29	28 000
1968	380	3.82	1 452	20.39	29 600
1969	405	3.87	1 724	18.19	31 350
1970	469	4.31	2 023	16.53	33 450
1971	439	4.34	1 905	18.19	34 650
1972	486	3.74	1 814	22.05	40 000
1973	486	4.11	1 996	33.07	66 000
1974	506	4.30	2 177	38.58	84 000
1975	506	4.30	2 268	40.78	92 500
1976	567	4.16	2 359	41.53	97 968
1977	567	4.16	2 359	41.33	97 500
1978	567	4.64	2 631	40.67	107 010
1979	546	4.32	2 359	50.00	117 936
1980	526	2.59	1 361	69.99	95 250
1981	506	4.48	2 268	60.00	136 075
1982	506	4.48	2 268	54.81	124 300

Tame Hay

Year	Acres (000)	Yield Per Acre (tons)	Production (000 tons)	Farm Value	
				Price Per Ton $	Total ($000)
1948	317	1.94	615	11.31	6.958
1949	327	1.62	530	13.29	7.042
1950	395	2.07	819	13.08	10.712
1951	399	1.63	650	12.00	7.800
1952	417	1.55	646	13.00	8.398
1953	450	2.10	945	10.00	9.450
1954	540	2.13	1.150	10.00	11.500
1955	583	2.00	1.166	10.50	12.243
1956	634	2.00	1.268	10.00	12.680
1957	722	1.77	1.275	10.00	12.750
1958	790	1.29	1.019	13.75	14.011
1959	834	1.76	1.468	15.00	22.020
1960	934	1.72	1.606	12.90	20.717
1961	1.004	0.90	904	17.50	15.820
1962	1.045	2.00	2.090	14.00	29.260
1963	1.020	1.83	1.867	15.00	28.005
1964	990	1.48	1.465	16.00	23.440
1965	960	1.70	1.632	16.50	26.928
1966	1.065	1.97	2.098	16.50	34.617
1967	1.052	1.52	1.600	17.50	28.000
1968	940	1.70	1.600	18.50	29.600
1969	1.000	1.90	1.900	16.50	31.350
1970	1.160	1.92	2.230	15.00	33.450
1971	1.084	1.94	2.100	16.50	34.650
1972	1.200	1.67	2.000	20.00	40.000
1973	1.200	1.83	2.200	30.00	66.000
1974	1.250	1.92	2.400	35.00	84.000
1975	1.250	2.00	2.500	37.00	92.500
1976	1.400	1.86	2.600	37.68	97.968
1977	1.400	1.86	2.600	37.50	97.500
1978	1.400	2.07	2.900	36.90	107.010
1979	1.350	1.93	2.600	45.36	117.936
1980	1.300	1.15	1.500	63.50	95.250
1981	1.250	2.00	2.500	54.43	136.075
1982	1.250	2.00	2.500	49.72	124.300

Silage Corn

Year	Planted Hectares	Yield Per Hectare (tonnes)	Production (000 tonnes)	Farm Value Price Per Tonne $	Farm Value Total ($000)
1948	5 260	10 17	54	7 65	413
1949	6 880	10 68	73	8 88	648
1950	6 880	11 08	76	8 84	672
1951	6 470	7 85	51	8 86	452
1952	8 500	11 31	96	7 73	742
1953	7 690	10 85	83	6 65	552
1954	6 470	10 66	69	6 61	456
1955	6 470	13 18	85	6 64	564
1956	7 690	11 56	89	6 61	588
1957	7 280	11 22	82	6 59	540
1958	9 710	10 28	100	8 25	825
1959	11 330	11 69	132	7 74	1.022
1960	10 930	11 87	130	7 70	1.001
1961	12 550	9 04	113	10 51	1.188
1962	15 380	15 34	236	7 71	1.820
1963	15 380	17 75	273	7 74	2.114
1964	19 830	11 21	222	6 62	1.470
1965	17 810	13 36	238	7 71	1.834
1966	14 970	13 82	207	7 71	1.596
1967	10 520	12 07	127	7 72	980
1968	12 140	12 55	152	7 74	1.176
1969	9 310	15 30	142	7 74	1.099
1970	8 090	13 46	109	7 71	840
1971	4 050	15 68	64	7 66	490
1972	8 900	16 31	145	11 03	1.600
1973	9 712	15 44	150	13 20	1.980
1974	11 331	16 81	191	15 39	2.940
1975	13 355	19 70	263	16 54	4.350
1976	13 000	19 54	254	16 54	4.200
1977	16 000	19 88	318	16 54	5.250
1978	17 000	21 35	363	18 73	6.800
1979	18 000	18 14	327	16 48	5.389
1980	30 000	12 70	381	28 00	10.668
1981	20 200	17 52	354	19 99	7.078
1982	31 200	15 40	481	18 31	8.809

Silage Corn

Year	Planted Acres (000)	Yield Per Acre (tons)	Production (000 tons)	Farm Value	
				Price Per Ton $	Total ($000)
1948	13	4.40	59	7.00	413
1949	17	4.80	81	8.00	648
1950	17	5.00	84	8.00	672
1951	16	3.60	56	8.00	452
1952	21	5.00	106	7.00	742
1953	19	5.00	92	6.00	552
1954	16	4.80	76	6.00	456
1955	16	6.00	94	6.00	564
1956	19	5.10	98	6.00	588
1957	18	5.00	90	6.00	540
1958	24	4.62	110	7.50	825
1959	28	5.21	146	7.00	1,022
1960	27	5.32	143	7.00	1,001
1961	31	4.00	125	9.50	1,188
1962	38	6.75	260	7.00	1,820
1963	38	7.99	302	7.00	2,114
1964	49	5.00	245	6.00	1,470
1965	44	5.95	262	7.00	1,834
1966	37	6.15	228	7.00	1,596
1967	26	5.38	140	7.00	980
1968	30	5.69	168	7.00	1,176
1969	23	6.84	157	7.00	1,099
1970	20	6.00	120	7.00	840
1971	10	7.22	70	7.00	490
1972	22	7.27	160	10.00	1,600
1973	24	6.88	165	12.00	1,980
1974	28	7.50	210	14.00	2,940
1975	33	8.79	290	15.00	4,350
1976	33	8.48	280	15.00	4,200
1977	39	8.97	350	15.00	5,250
1978	42	9.52	400	17.00	6,800
1979	45	8.00	360	14.97	5,389
1980	75	5.60	420	25.40	10,668
1981	50	7.80	390	18.15	7,078
1982	77	6.88	530	16.62	8,809

Sugar Beets

Year	Harvested Hectares	Yield Per Hectare (tonnes)	Production (tonnes)	Factory Value* Price Per Tonne $	Factory Value* Total ($000)
1948	3 857	18 93	73 013	15 76	1.151
1949	6 298	18 26	115 019	15 80	1.817
1950	8 174	16 62	135 887	16 78	2 280
1951	7 719	20 96	161 771	15 78	2.552
1952	6 634	16 98	112 665	15 91	1.792
1953	7 064	20 83	147 112	13 46	1 980
1954	9 514	22 60	215 016	13 18	2.835
1955	8 399	22 25	186 861	13 23	2 472
1956	9 230	22 50	207 673	18 56	3.855
1957	8 668	22 91	198 579	13 81	2.743
1958	8 885	20 02	177 912	18 17	3.232
1959	7 082	24 58	174 092	13 15	2 289
1960	10 145	23 11	234 468	15 14	3 549
1961	8 555	19 95	170 643	14 24	2.430
1962	8 727	20 45	178 476	22 28	3 976
1963	11 372	27 74	315 449	18 37	5.793
1964	12 068	21 40	258 290	15 62	4.034
1965	10 488	22 69	237 934	18 92	4.501
1966	9 326	23 79	221 840	18 51	4.106
1967	10 885	18 90	205 691	19 62	4.036
1968	11 768	23 01	270 725	17 62	4.769
1969	12 570	24 77	311 323	19 07	5.937
1970	9 317	21 05	196 084	18 87	3.700
1971	12 495	26 36	329 326	21 03	6.926
1972	11 371	26 39	300 110	24 33	7.301
1973	9 983	27 95	279 035	35 13	9.803
1974	10 898	18 44	200 935	56 14	11.281
1975	12 919	27 83	359 443	39 99	14.375
1976	12 598	27 77	349 905	32 94	11.525
1977	10 235	39 00	399 166	33 33	13.306
1978	9 591	38 78	371 950	31 69	11.788
1979	8 944	27 97	250 205	77 80	19.466
1980	9 854	23 83	234 782	56 04	13.157
1981	11 229	30 26	339 750	55 73	18.923
1982	11 200	33 10	372 000	37 13	13.814

* Includes deficiency payments starting in 1958

Sugar Beets

Year	Harvested Acres	Yield Per Acre (tons)	Production (tons)	Factory Value* Price Per Ton $	Factory Value* Total ($000)
1948	9,531	8.44	80,482	14.30	1,151
1949	15,562	8.15	126,785	14.33	1,817
1950	20,198	7.42	149,787	15.22	2,280
1951	19,074	9.35	178,319	14.31	2,552
1952	16,392	7.58	124,190	14.43	1,792
1953	17,455	9.29	162,161	12.21	1,980
1954	23,510	10.08	237,011	11.96	2,835
1955	20,755	9.92	205,976	12.00	2,472
1956	22,808	10.04	228,917	16.84	3,855
1957	21,419	10.22	218,892	12.53	2,743
1958	21,955	8.93	196,111	16.48	3,232
1959	17,500	10.97	191,900	11.93	2,289
1960	25,068	10.31	258,452	13.73	3,549
1961	21,141	8.90	188,099	12.92	2,430
1962	21,565	9.12	196,733	20.21	3,976
1963	28,100	12.37	347,719	16.66	5,793
1964	29,820	9.55	284,711	14.17	4,034
1965	25,917	10.12	262,273	17.16	4,501
1966	23,045	10.61	244,533	16.79	4,106
1967	26,898	8.43	226,732	17.80	4,036
1968	29,079	10.26	298,419	15.98	4,769
1969	31,062	11.05	343,169	17.30	5,937
1970	23,022	9.39	216,142	17.12	3,700
1971	30,876	11.76	363,014	19.08	6,926
1972	28,098	11.77	330,815	22.07	7,301
1973	24,670	12.47	307,583	31.87	9,803
1974	26,931	8.23	221,493	50.93	11,281
1975	31,923	12.41	396,218	36.28	14,375
1976	31,130	12.39	385,700	29.88	11,525
1977	25,267	17.41	440,000	30.24	13,306
1978	23,700	17.30	410,000	28.75	11,788
1979	22,100	12.48	275,800	70.58	19,466
1980	24,350	10.63	258,800	50.80	13,157
1981	27,747	13.50	374,500	50.53	18,923
1982	27,754	14.80	409,925	33.70	13,814

* Includes deficiency payments starting in 1958.

Potatoes

Year	Planted Hectares	Yield Per Hectare (kilograms)	Production (tonnes)	Farm Value	
				Price Per Tonne $	Total ($000)
1948	7 568	9 192	69 564	36 01	2 505
1949	7 446	7 621	56 745	43 35	2 460
1950	8 053	9 551	76 912	33 06	2 543
1951	6 394	9 552	61 073	54 38	3 321
1952	6 192	10 694	66 217	58 79	3 893
1953	7 001	11 433	80 042	23 15	1 853
1954	6 353	9 082	57 698	44 82	2 586
1955	6 111	9 076	55 466	47 76	2 649
1956	6 677	12 440	83 063	33 07	2 747
1957	6 192	7 736	47 900	62 46	2 992
1958	6 313	8 609	54 350	40 79	2 217
1959	6 273	7 731	48 499	33 07	1 604
1960	6 880	10 087	69 401	17 64	1 224
1961	8 215	4 237	34 809	35 28	1 228
1962	9 308	12 778	118 934	17 64	2 098
1963	8 013	11 769	94 303	29 39	2 772
1964	8 417	13 451	113 219	66 14	7 488
1965	9 065	13 114	118 879	32 34	3 844
1966	9 915	14 007	138 883	35 35	4 909
1967	10 724	12 265	131 535	33 45	4 400
1968	10 724	12 689	136 080	32 70	4 450
1969	11 736	14 686	172 359	42 34	7 297
1970	13 354	12 569	167 841	40 57	6 810
1971	13 233	14 053	185 967	38 93	7 240
1972	8 903	12 738	113 409	67 72	7 680
1973	12 140	16 439	199 575	46 39	9 258
1974	14 164	15 692	222 260	57 94	12 878
1975	12 950	15 760	204 100	85 74	17 500
1976	14 000	14 579	204 100	69 08	14 100
1977	15 000	16 633	249 500	86 07	21 475
1978	15 000	20 560	308 400	79 64	24 560
1979	15 000	18 827	282 400	79 64	22 490
1980	16 000	17 862	285 800	117 28	33 520
1981	16 600	18 775	311 660	115 96	36 140
1982	16 000	16 500	263 400	115 79	30 500

Potatoes

Year	Planted Acres	Yield Per Acre (cwt)	Production (000 cwt)	Farm Value Price Per cwt $	Farm Value Total ($000)
1948	18.700	82 0	1 534	1 63	2.505
1949	18.400	68 0	1.251	1 97	2.460
1950	19.900	85 2	1.696	1 50	2.543
1951	15.800	85 2	1.346	2 47	3.321
1952	15.300	95 4	1.460	2 67	3.893
1953	17.300	102 0	1.765	1 05	1.853
1954	15.700	81 0	1.272	2 03	2.586
1955	15.100	81 0	1.223	2 17	2.649
1956	16.500	111 0	1.831	1 50	2.747
1957	15.300	69 0	1 056	2 83	2.992
1958	15.600	76 8	1.198	1 85	2.217
1959	15.500	69 0	1.069	1 50	1.604
1960	17.000	90 0	1.530	0 80	1.224
1961	20.300	37 8	767	1 60	1.228
1962	23.000	114 0	2.622	0 80	2.098
1963	19.800	105 0	2.079	1 33	2.772
1964	20.800	120 0	2.496	3 00	7.488
1965	22.400	117 0	2.621	1 47	3.844
1966	24.500	125 0	3.062	1 60	4.909
1967	26.500	109 4	2.900	1 52	4.400
1968	26.500	113 2	3.000	1 48	4.450
1969	29.000	131 0	3.800	1 92	7.297
1970	33.000	112 1	3.700	1 84	6.810
1971	32.700	125 4	4.100	1 77	7.240
1972	22.000	113 6	2.500	3 07	7.680
1973	30.000	146 7	4.400	2 10	9.258
1974	35.000	140 0	4.900	2 63	12.878
1975	32.000	140 6	4.500	3 89	17.500
1976	34.500	130 4	4.500	3 13	14.100
1977	37.000	148 6	5.500	3 90	21.475
1978	37.000	183 8	6.800	3 61	24.560
1979	37.000	168 3	6.226	3 61	22.490
1980	39.500	159 5	6.300	5 32	33.520
1981	40.900	168 7	6.900	5 24	36.140
1982	39.500	147 0	5.807	5 25	30.500

Crop Marketings

Crop Year	Wheat	Oats	Barley	Flax	Canola (Rapeseed)
		— tonnes —			
1947-48	871 837	172 572	382 356	111 540	N A
1948-49	1 077 618	322 505	517 631	207 026	N A
1949-50	1 253 841	294 406	459 955	21 211	N A
1950-51	1 153 632	483 295	820 668	62 108	N A
1951-52	1 225 074	386 491	813 330	89 161	N A
1952-53	1 251 854	385 889	968 507	89 593	N A
1953-54	982 824	272 260	660 702	77 959	N A
1954-55	680 019	217 095	752 105	83 369	N A
1955-56	888 412	191 079	495 510	102 853	N A
1956-57	1 072 446	335 506	527 647	172 886	2 600
1957-58	1 133 329	298 601	427 034	73 615	4 100
1958-59	1 282 881	220 797	520 005	91 574	4 600
1959-60	1 317 799	112 365	388 757	84 893	5 000
1960-61	1 289 875	166 080	332 278	130 668	9 600
1961-62	887 949	81 767	178 691	83 420	7 800
1962-63	1 693 706	494 614	272 817	168 009	11 600
1963-64	1 379 000	222 100	186 400	202 400	14 700
1964-65	1 859 400	265 100	190 100	230 100	26 900
1965-66	1 876 700	338 600	285 200	355 400	45 500
1966-67	1 780 500	212 600	312 800	232 200	39 000
1967-68	1 762 300	238 400	269 500	120 400	41 300
1968-69	1 626 000	316 200	241 900	214 200	37 000
1969-70	1 419 800	150 300	588 000	210 700	63 800
1970-71	1 017 800	208 800	633 200	236 900	137 800
1971-72	1 556 800	190 000	1 192 800	116 700	194 800
1972-73	1 768 800	218 300	1 116 900	122 500	191 100
1973-74	1 669 600	216 800	1 002 900	156 400	145 200
1974-75	1 352 400	193 300	704 700	127 700	142 900
1975-76	1 744 300	256 000	631 600	193 300	207 600
1976-77	1 918 500	259 800	974 100	122 300	128 100
1977-78	2 517 500	283 400	1 164 700	262 800	257 000
1978-79	1 913 800	115 800	1 039 200	234 000	472 500
1979-80	2 448 000	38 600	920 500	367 900	471 800
1980-81	1 902 700	42 600	944 100	213 100	274 000
1981-82	2 811 300	84 700	1 354 200	201 900	312 800

Crop Marketings

Crop Year	Wheat	Oats	Barley	Flax	Canola (Rapeseed)
		— thousand bushels —			
1947-48	32 034	11 190	17 561	4 391	N A
1948-49	39 595	20 912	23 774	8 150	N A
1949-50	46 070	19 090	21 125	835	N A
1950-51	42 388	31 338	37 692	2 445	N A
1951-52	45 013	25 061	37 355	3 510	N A
1952-53	45 997	25 022	44 482	3 527	N A
1953-54	36 112	17 654	30 345	3 069	N A
1954-55	24 986	14 077	34 543	3 282	N A
1955-56	32 643	12 390	22 758	4 049	N A
1956-57	39 405	21 755	24 234	6 806	116
1957-58	41 642	19 362	19 613	2 898	182
1958-59	47 137	14 317	23 883	3 605	204
1959-60	48 420	7 286	17 855	3 342	220
1960-61	47 394	10 769	15 261	5 144	425
1961-62	32 626	5 302	8 207	3 284	342
1962-63	62 232	32 072	12 576	6 614	511
1963-64	50 669	14 399	8 559	7 968	647
1964-65	68 323	17 191	8 730	9 059	1 188
1965-66	68 958	21 953	13 097	13 991	2 006
1966-67	65 421	13 785	14 369	9 142	1 720
1967-68	64 755	15 460	13 616	4 738	1 820
1968-69	59 744	20 506	11 110	8 431	1 682
1969-70	52 167	9 744	27 008	8 295	2 815
1970-71	37 396	13 542	29 083	9 327	6 078
1971-72	57 203	12 906	54 783	4 593	8 588
1972-73	64 992	14 152	51 297	4 823	8 426
1973-74	61 349	14 057	46 065	6 158	6 402
1974-75	49 693	12 535	32 368	5 028	6 300
1975-76	64 091	16 598	29 007	7 609	9 152
1976-77	70 494	16 843	44 738	4 814	5 647
1977-78	92 502	18 376	53 494	10 346	11 332
1978-79	70 320	7 509	47 730	9 212	20 834
1979-80	89 949	2 503	42 278	14 484	20 803
1980-81	69 912	2 762	45 659	8 389	12 081
1981-82	103 298	5 492	62 198	7 948	13 792

Year	Grain Stocks on Farm			
	Wheat	Oats	Barley	Flax
		— tonnes, July 31 —		
1948	81 648	61 688	65 319	889
1949	81 648	77 110	65 319	762
1950	27 216	61 688	43 546	762
1951	27 216	107 954	65 319	1 143
1952	27 216	61 688	43 546	8 891
1953	108 864	131 087	87 092	16 511
1954	217 728	154 220	348 368	17 781
1955	81 648	77 110	174 184	17 781
1956	108 864	123 376	87 092	2 540
1957	326 592	539 770	195 957	3 810
1958	244 944	385 550	130 638	2 540
1959	217 728	262 174	239 503	5 080
1960	244 944	277 596	304 822	2 540
1961	353 808	323 862	239 503	5 080
1962	54 432	77 110	43 546	5 080
1963	163 296	200 486	65 319	2 540
1964	81 648	154 220	65 319	3 810
1965	190 512	246 752	43 546	2 540
1966	136 080	185 064	43 546	7 621
1967	190 512	123 376	65 319	2 540
1968	571 536	138 798	195 957	1 524
1969	1 088 640	385 550	435 460	5 080
1970	1 088 640	462 660	195 957	5 080
1971	517 104	138 798	108 865	20 322
1972	707 616	215 908	217 730	25 402
1973	136 080	123 376	174 180	2 540
1974	136 080	107 950	174 180	7 620
1975	54 431	61 688	65 317	15 240
1976	81 646	92 533	108 900	10 160
1977	571 500	154 200	87 100	12 700
1978	490 000	185 000	435 000	38 000
1979	1 115 800	123 400	544 300	66 000
1980	326 600	46 300	130 600	76 200
1981	55 000	30 000	65 000	13 000
1982	270 000	60 000	200 000	10 000

Year	Grain Stocks on Farm			
	Wheat	Oats	Barley	Flax
	— thousand bushels, July 31 —			
1948	3,000	4,000	3,000	35
1949	3,000	5,000	3,000	30
1950	1,000	4,000	2,000	30
1951	1,000	7,000	3,000	45
1952	1,000	4,000	2,000	350
1953	4,000	8,500	4 000	650
1954	8,000	10,000	16,000	700
1955	3,000	5,000	8,000	700
1956	4,000	8,000	4,000	100
1957	12,000	35,000	9,000	150
1958	9,000	25,000	6,000	100
1959	8,000	17,000	11,000	200
1960	9,000	18,000	14,000	100
1961	13,000	21,000	11,000	200
1962	2,000	5,000	2,000	200
1963	6,000	13,000	3,000	100
1964	3,000	10,000	3,000	150
1965	7,000	16,000	2,000	100
1966	5,000	12,000	2,000	300
1967	7,000	8,000	3,000	100
1968	21,000	9,000	9,000	60
1969	40,000	25,000	20,000	200
1970	40,000	30,000	9,000	200
1971	19,000	9,000	5,000	800
1972	26,000	14,000	10,000	1,000
1973	5,000	8,000	8,000	100
1974	5,000	7,000	8,000	300
1975	2,000	4,000	3,000	600
1976	3,000	6,000	5,000	400
1977	21,000	10,000	4,000	500
1978	18,000	12,000	20,000	1,500
1979	41,000	8,000	25,000	2,600
1980	12,000	3,000	6,000	3,000
1981	2,021	1,945	2,985	512
1982	9,921	3,891	9,186	394

Horticultural Crops, Forage Seeds

Year	PRODUCTION VALUE			
	Potatoes	Vegetables, Fruits Ornamentals	Total Horticulture	Forage Seeds
	— thousand dollars —			
1948	2,505	5,107	7,612	2,810
1949	2,460	5,043	7,503	2,084
1950	2,543	4,730	7,273	1,655
1951	3,321	4,725	8,046	1,847
1952	3,893	5,190	9,083	624
1953	1,853	5,190	7,043	827
1954	2,586	7,680	10,266	1,759
1955	2,649	6,595	9,244	914
1956	2,747	7,315	10,062	1,271
1957	2,992	8,150	11,142	825
1958	2,217	9,000	11,217	682
1959	1,604	9,000	10,604	1,248
1960	1,224	9,200	10,424	1,086
1961	1,228	9,090	10,318	1,254
1962	2,098	9,330	11,423	2,105
1963	2,772	10,125	12,897	1,503
1964	7,488	9,144	16,632	1,259
1965	3,844	8,861	12,705	2,162
1966	4,909	9,078	13,987	1,762
1967	4,400	10,055	14,455	1,238
1968	4,450	9,310	13,760	571
1969	7,297	9,669	16,966	1,524
1970	6,810	9,713	16,523	1,701
1971	7,240	10,632	17,872	1,684
1972	7,680	11,280	18,960	1,542
1973	9,258	11,375	20,633	5,199
1974	12,878	16,614	29,492	2,625
1975	17,500	17,468	34,968	2,031
1976	14,100	19,153	33,253	3,050
1977	21,475	18,252	39,727	3,828
1978	24,560	20,285	44,845	7,488
1979	22,490	21,786	44,276	8,312
1980	29,280	25,077	54,357	4,902
1981	36,140	26,561	62,701	6,681
1982	30,500	29,155	59,655	5,025

LIVESTOCK

Year	Value of Livestock Production					
	Cattle	Hogs	Sheep	Dairy	Poultry	Total
	— thousand dollars —					
1948	35,380	12,364	929	30,495	18,901	98,069
1949	35,380	18,090	889	26,638	17,751	98,748
1950	37,130	15,048	789	23,376	15,967	92,310
1951	55,854	24,402	856	27,042	21,474	129,628
1952	41,040	20,592	725	26,722	20,636	109,715
1953	29,892	14,214	615	28,289	22,600	95,610
1954	30,393	18,768	549	28,748	22,955	101,413
1955	34,860	18,392	556	29,689	22,538	106,035
1956	32,384	16,560	510	29,641	24,175	103,270
1957	35,350	20,915	577	29,473	23,000	109,315
1958	51,552	30,143	608	32,307	25,362	139,972
1959	49,764	24,465	559	31,430	23,487	129,705
1960	50,142	17,820	614	30,959	22,031	121,566
1961	51,816	25,662	701	30,952	23,393	132,524
1962	53,048	19,614	609	30,962	21,907	126,140
1963	56,518	23,688	628	30,730	23,860	135,424
1964	54,120	25,740	629	29,986	23,856	134,331
1965	54,929	29,760	552	30,425	26,843	142,509
1966	66,341	38,324	500	29,999	30,179	165,343
1967	66,220	37,048	455	32,699	25,975	162,397
1968	64,944	35,010	400	33,775	28,522	162,651
1969	85,188	58,602	290	32,797	33,271	210,408
1970	92,303	63,826	183	32,063	33,294	221,669
1971	98,978	46,892	391	32,119	27,277	205,657
1972	112,880	71,940	470	35,980	31,879	253,149
1973	155,880	106,190	604	41,731	50,535	354,940
1974	147,840	79,402	621	57,592	52,902	338,357
1975	122,208	89,610	546	66,796	46,413	325,573
1976	113,004	87,591	415	70,360	58,455	329,825
1977	129,168	85,002	416	71,455	58,723	344,764
1978	180,780	110,000	596	67,780	61,437	420,593
1979	258,060	131,075	696	73,176	73,186	536,193
1980	248,880	118,064	871	85,496	80,171	533,482
1981	191,265	138,208	782	96,938	96,663	523,856
1982	188,692	170,408	941	106,036	95,872	561,949

Cattle Production

Year	Commercial Marketings	Local Slaughterings	Inventory Change	Inshipments (minus)	Total	Value Per Animal	Total Value
	thousand animals					$	($000)
1948	307	38	-32	8	305	116	35,380
1949	293	37	-32	8	290	122	35,380
1950	261	24	-43	7	235	156	37,130
1951	214	22	+40	15	261	214	55,854
1952	209	21	+64	9	285	144	41,040
1953	257	16	+20	11	282	106	29,892
1954	281	25	+13	12	307	99	30,393
1955	268	22	+54	12	332	105	34,860
1956	292	26	+41	7	352	92	32,384
1957	346	32	-22	6	350	101	35,350
1958	356	26	-12	12	358	144	51,552
1959	300	23	+45	20	348	143	49,764
1960	317	22	+53	26	366	137	50,142
1961	402	26	-16	31	381	136	51,816
1962	313	23	+73	60	349	152	53,048
1963	347	24	+66	70	367	154	56,518
1964	399	24	+49	62	410	132	54,120
1965	528	28	-62	81	413	133	54,929
1966	508	28	-42	87	407	163	66,341
1967	500	28	-52	91	385	172	66,220
1968	468	28	-57	70	369	176	64,944
1969	392	27	+84	131	372	229	85,188
1970	416	26	+45	104	383	241	92,303
1971	417	26	+28	62	409	242	98,978
1972	432	26	+42	85	415	272	112,880
1973	429	28	+73	97	433	360	155,880
1974	398	26	+71	47	448	330	147,840
1975	512	34	-38	52	456	268	122,208
1976	567	31	-40	120	438	258	113,004
1977	639	26	-58	139	468	276	129,168
1978	523	23	-91	62	393	460	180,780
1979	444	21	-43	31	391	660	258,060
1980	444	22	-7	51	408	610	248,880
1981	367	20	-30	46	311	615	191,265
1982	435	15	-80	48	322	586	188,692

Cattle Commercial Marketings From Manitoba

Year	Under 1 Year		1 Year and Over		Total		
	Animals (000)	Value ($000)	Animals (000)	Value ($000)	Animals (000)	Value Each $	Value ($000)
1948	92	3,625	215	31,930	307	116	35,555
1949	91	4,312	202	31,297	293	122	35,609
1950	86	5,425	175	35,851	261	158	41,276
1951	64	5,616	150	40,083	214	214	45,699
1952	63	3,541	146	26,653	209	144	30,194
1953	82	3,858	175	23,261	257	106	27,119
1954	88	3,785	193	23,994	281	99	27,779
1955	82	3,832	186	24,362	268	105	28,194
1956	89	3,810	203	23,114	292	92	26,924
1957	98	4,306	248	30,533	346	101	34,839
1958	101	7,845	255	43,410	356	144	51,255
1959	89	6,675	211	36,162	300	143	42,837
1960	87	6,197	230	37,387	317	137	43,584
1961	111	8,721	291	46,143	402	136	54,864
1962	93	7,921	220	39,778	313	152	47,699
1963	90	6,776	257	46,581	347	154	53,357
1964	109	6,016	290	46,649	399	132	52,665
1965	165	11,068	363	59,234	528	133	70,302
1966	156	13,081	352	69,811	508	163	82,892
1967	165	15,135	335	70,886	500	172	86,021
1968	147	13,065	321	69,510	468	176	82,575
1969	94	10,682	298	79,123	392	229	89,805
1970	97	13,738	319	86,454	416	241	100,192
1971	109	15,674	308	85,169	417	242	100,843
1972	108	16,621	324	100,766	432	272	117,387
1973	105	24,044	324	130,370	429	360	154,414
1974	73	11,460	325	119,880	398	330	131,340
1975	91	9,874	421	127,342	512	268	137,216
1976	102	11,901	465	134,385	567	258	146,286
1977	122	15,494	517	160,870	639	276	176,364
1978	76	20,748	447	219,832	523	460	240,580
1979	73	32,131	371	260,909	444	660	293,040
1980	70	25,054	374	245,786	444	610	270,840
1981	47	14,095	320	211,610	367	615	225,705
1982	68	21,796	367	233,114	435	586	254,910

Hog Production

Year	Commercial Marketings	Local Slaughterings	Inventory Change	Total	Value Per Animal ($)	Total Value ($000)
	thousand animals					
1948	272	88	- 79	281	44	12 364
1949	260	90	+ 52	402	45	18 090
1950	266	104	- 28	342	44	15 048
1951	292	108	+ 98	498	49	24 402
1952	453	87	- 12	528	39	20 592
1953	321	69	- 81	309	46	14 214
1954	336	70	- 15	391	48	18 768
1955	434	84	- 34	484	38	18 392
1956	388	70	- 44	414	40	16 560
1957	332	64	+ 49	445	47	20 915
1958	464	54	+183	701	43	30 143
1959	654	87	- 42	699	35	24 465
1960	506	76	- 87	495	36	17 820
1961	519	66	+ 26	611	42	25 662
1962	467	60	- 60	467	42	19 614
1963	437	50	+ 77	564	42	23 688
1964	582	52	+ 26	660	39	25 740
1965	579	49	- 8	620	48	29 760
1966	595	47	+ 95	737	52	38 324
1967	766	56	+ 20	842	44	37 048
1968	751	53	- 26	778	45	35 010
1969	778	50	+225	1 053	54	56 862
1970	1 093	50	+215	1 358	47	63 826
1971	1 352	57	-175	1 234	38	46 892
1972	1 238	50	+ 20	1 308	55	71 940
1973	1 277	55	- 37	1 295	82	106 190
1974	1 270	53	-250	1 073	74	79 402
1975	886	52	- 68	870	103	89 610
1976	835	46	+ 22	903	97	87 591
1977	852	37	+ 25	914	93	85 002
1978	895	40	+ 65	1 000	110	110 000
1979	1 084	36	+105	1 225	107	131 075
1980	1 250	30	- 24	1 256	94	118 064
1981	1 220	23	- 9	1 234	112	138 208
1982	1 229	24	0	1 253	136	170 408

Commercial Hog Marketings From Manitoba

Year	Animals (000)	Value Each $	Total Value ($000)
1948	272	44	11,968
1949	260	45	11,700
1950	266	44	11,704
1951	292	49	14,308
1952	453	39	17,667
1953	321	46	14,766
1954	336	48	16,128
1955	434	38	16,492
1956	388	40	15,520
1957	332	47	15,604
1958	464	43	19,952
1959	654	35	22,890
1960	506	36	18,216
1961	519	42	21,798
1962	467	42	19,614
1963	437	42	18,354
1964	582	39	22,698
1965	579	48	27,792
1966	595	52	30,940
1967	766	44	33,704
1968	751	45	33,795
1969	778	54	42,012
1970	1,093	47	51,371
1971	1,352	38	51,376
1972	1,238	55	68,090
1973	1,277	82	104,714
1974	1,270	74	93,980
1975	886	103	91,258
1976	835	97	80,995
1977	852	93	79,236
1978	895	110	98,450
1979	1,084	107	115,988
1980	1,250	94	117,500
1981	1,220	112	136,640
1982	1,229	136	167,144

Sheep Production

Year	Sheep and Lamb Marketings		Wool			
	Animals (000)	Value ($000)	Kilograms Shorn (000)	Pounds Shorn (000)	Value ($000)	Total Value ($000)
1948	55	817	185	407	112	929
1949	45	802	147	323	87	889
1950	31	646	120	265	143	789
1951	27	705	106	233	151	856
1952	32	634	117	259	91	725
1953	33	525	117	258	90	615
1954	34	462	120	264	87	549
1955	37	480	111	244	75	556
1956	33	425	117	259	85	510
1957	34	496	102	224	81	577
1958	34	507	115	254	101	608
1959	32	455	114	252	104	559
1960	37	502	112	247	112	614
1961	42	561	128	283	140	701
1962	36	492	116	256	117	609
1963	34	516	107	236	112	628
1964	33	528	96	211	101	629
1965	28	439	85	188	113	552
1966	24	422	74	163	78	500
1967	23	384	74	163	71	455
1968	16	337	62	137	63	400
1969	10	240	58	128	50	290
1970	6	126	68	149	57	183
1971	17	357	68	150	34	391
1972	19	437	60	132	33	470
1973	18	507	63	138	97	604
1974	18	569	65	142	52	621
1975	15	520	44	98	26	546
1976	11	374	49	108	41	415
1977	10	388	34	75	28	416
1978	11	570	27	60	26	596
1979	13	655	29	61	41	696
1980	17	806	45	100	65	871
1981	18	700	45	99	62	762
1982	22	883	61	135	58	941

Dairy Production

Year	Milk Production		Factory Products		
	Whole Milk or Equivalent (million kilograms)	Total Farm Value ($000)	Creamery Butter (000 kgs)	Cheddar Cheese (000 kgs)	Ice Cream (000 litres)
1948	488	30.495	11 522	1 148	7 478
1949	478	26.638	11 076	826	7 501
1950	446	23.376	10 216	650	6 801
1951	443	27.042	10 105	658	7 815
1952	457	26.722	10 682	642	8 328
1953	480	28.289	11 336	544	8 101
1954	488	28.748	11 345	557	7 755
1955	501	39.689	11 348	473	8 110
1956	489	29.641	10 596	485	7 569
1957	484	29.473	10 683	573	7 683
1958	511	32.307	12 092	314	7 965
1959	496	31.430	11 626	175	8 587
1960	485	30.959	11 239	221	9 547
1961	482	30.952	11 466	250	10 342
1962	484	30.962	11 614	286	10 760
1963	476	30.730	11 295	371	12 297
1964	459	29.986	10 688	428	13 333
1965	433	30.425	9 891	519	13 397
1966	401	29.999	8 559	654	13 220
1967	386	32.699	7 743	961	14 365
1968	390	33.775	8 009	909	14 356
1969	386	32.797	7 765	1 467	14 734
1970	374	32.063	7 100	1 919	15 284
1971	361	32.119	6 225	2 642	14 911
1972	369	35.980	5 906	4 324	15 465
1973	366	41.731	5 446	4 424	16 020
1974	346	57.561	4 611	4 248	17 556
1975	333	66.796	4 745	4 627	19 266
1976	329	70.360	4 055	4 616	20 448
1977	328	71.455	4 131	4 885	19 280
1978	291	67.780	4 276	5 122	19 752
1979	288	73.176	4 205	6 011	19 992
1980	297	85.606	4 199	6 857	21 338
1981	298	96.938	3 774	6 465	10 976
1982	303	106.036	4 266	4 788	10 540

Dairy Production

Year	Milk Production: Whole Milk or Equivalent (million pounds)	Milk Production: Total Farm Value ($000)	Factory Products: Creamery Butter (000 lbs)	Factory Products: Cheddar Cheese (000 lbs)	Factory Products: Ice Cream (000 gals)
1948	1 075	30 495	25 402	2 531	1 645
1949	1 054	26 638	24 419	1 822	1 650
1950	983	23 376	22 522	1 434	1 496
1951	976	27 042	22 277	1 450	1 719
1952	1 008	26 722	23 549	1 415	1 832
1953	1 059	28 289	24 992	1 199	1 782
1954	1 075	28 748	25 012	1 227	1 706
1955	1 104	39 689	25 018	1 043	1 784
1956	1 079	29 641	23 360	1 069	1 665
1957	1 066	29 473	23 552	1 263	1 690
1958	1 127	32 307	26 657	693	1 752
1959	1 093	31 430	25 630	385	1 889
1960	1 070	30 959	24 778	487	2 100
1961	1 062	30 952	25 278	551	2 275
1962	1 066	30 962	25 605	631	2 367
1963	1 049	30 730	24 901	817	2 705
1964	1 011	29 986	23 563	944	2 933
1965	955	30 425	21 806	1 145	2 947
1966	885	29 999	18 868	1 441	2 908
1967	851	32 699	17 071	2 118	3 160
1968	860	33 775	17 656	2 004	3 158
1969	851	32 797	17 119	3 235	3 241
1970	825	32 063	15 652	4 230	3 362
1971	796	32 119	13 723	5 824	3 280
1972	813	35 980	13 020	9 532	3 402
1973	805	41 731	12 006	9 753	3 526
1974	763	57 592	10 165	9 366	3 862
1975	735	66 796	10 462	10 201	4 238
1976	725	70 360	8 940	10 176	4 410
1977	722	71 455	9 107	10 769	4 242
1978	642	67 780	9 427	11 290	4 345
1979	635	73 176	9 270	13 252	4 398
1980	654	85 606	9 257	15 117	4 694
1981	655	96 938	8 320	14 253	2 338
1982	666	106 036	9 405	10 556	2 245

Poultry Production Value

Year	Eggs	Meat	Total
	— thousand dollars —		
1948	11.604	7.297	18.901
1949	10.683	7.068	17.751
1950	7.734	8.233	15.967
1951	10.229	11.245	21.474
1952	9.148	11.488	20.636
1953	12.227	10.373	22.600
1954	10.565	12.390	22.955
1955	11.290	11.248	22.538
1956	11.573	12.602	24.175
1957	10.882	12.118	23.000
1958	11.327	14.035	25.362
1959	10.160	13.327	23.487
1960	9.990	12.041	22.031
1961	10.079	13.314	23.393
1962	10.467	11.440	21.907
1963	12.119	11.741	23.860
1964	11.519	12.337	23.856
1965	13.429	13.414	26.843
1966	15.877	14.302	30.179
1967	14.378	11.597	25.975
1968	16.624	11.898	28.522
1969	19.944	13.441	33.385
1970	18.679	14.615	33.294
1971	14.176	13.101	27.277
1972	15.931	15.948	31.879
1973	26.992	23.543	50.535
1974	28.280	25.047	53.327
1975	25.774	20.452	46.226
1976	30.693	27.762	58.455
1977	30.232	28.491	58.723
1978	31.805	29.632	61.437
1979	34.978	38.208	73.186
1980	40.069	40.102	80.171
1981	47.940	47.608	95.548
1982	46.507	49.365	95.872

Livestock Prices, St. Boniface Stockyards

	— LIVE CATTLE —						HOGS	SHEEP
	Good Slaughter Steers (A3)	Good Slaughter Cows (D1 D2)	Good Feeder Steers	Good and Choice Veal	All Grades Over 227 Kilograms	Calves Only	ALL Grades Dressed	ALL Live Sheep and Lambs
	cents per kilogram							
1949	44 2	32 0	38 5	52 3	34 7	44 3	62 8	40 5
1950	53 9	41 7	54 1	63 9	46 0	55 8	61 2	51 2
1951	70 0	56 8	67 1	79 0	60 4	71 2	68 0	63 1
1952	52 8	35 3	43 1	57 5	41 6	47 5	53 9	45 5
1953	40 0	25 3	33 1	50 0	30 6	38 9	60 4	38 3
1954	38 4	23 5	33 4	48 2	29 0	37 5	61 4	34 3
1955	40 7	26 1	35 4	51 4	30 8	40 7	48 6	33 8
1956	39 5	24 1	35 7	51 2	29 3	38 0	51 6	32 8
1957	39 2	26 2	37 5	52 1	31 4	40 3	62 2	35 9
1958	48 4	36 6	47 6	62 7	42 6	55 2	55 6	37 6
1959	52 6	37 6	50 5	70 0	44 4	53 8	47 0	35 7
1960	47 8	34 2	46 3	67 1	40 4	51 9	47 7	34 8
1961	47 2	34 2	47 3	66 9	40 9	53 7	54 8	33 0
1962	54 8	37 9	53 8	73 5	45 9	60 8	56 6	35 6
1963	50 7	37 7	51 2	71 5	44 5	54 1	54 7	37 5
1964	48 2	34 0	46 0	67 7	39 7	46 4	51 9	38 8
1965	51 3	32 6	48 6	65 7	40 0	47 1	67 6	42 2
1966	55 6	41 6	56 3	75 7	47 2	57 3	73 7	44 1
1967	59 3	44 0	58 5	85 7	50 0	60 3	60 7	41 6
1968	59 2	43 1	59 2	83 6	51 2	62 4	62 0	47 3
1969	64 2	52 8	70 6	92 7	60 4	76 3	78 2	53 2
1970	66 6	51 6	72 8	103 0	62 5	79 0	64 4	59 1
1971	71 4	50 9	74 4	103 8	63 4	81 2	50 4	54 6
1972	77 3	58 3	85 5	117 5	70 2	91 4	75 0	61 3
1973	96 0	77 3	103 1	146 5	85 8	112 2	113 1	74 5
1974	104 5	59 8	89 6	155 0	81 5	90 9	101 7	99 2
1975	89 5	46 9	78 0	97 5	63 1	56 8	137 9	108 5
1976	78 1	50 5	79 4	103 7	61 0	63 4	130 1	110 4
1977	80 4	55 3	83 0	97 8	65 9	66 6	125 2	140 3
1978	118 6	88 0	129 3	163 2	101 9	123 3	149 5	130 3
1979	153 5	125 4	177 4	243 4	142 5	186 5	141 4	182 8
1980	151 7	114 7	167 6	243 7	135 2	176 9	124 9	146 5
1981	154 9	106 0	159 9	238 9	130 8	161 5	148 6	120 9
1982	153 3	102 3	158 3	238 0	124 3	160 0	177 7	101 3

Livestock Prices, St. Boniface Stockyards

Year	— LIVE CATTLE — Good Slaughter Steers (A3)	Good Slaughter Cows (D1 D2)	Good Feeder Steers	Good and Choice Veal	All Grades Over 500 Pounds	All Grades Calves Only	HOGS ALL Grades Dressed	SHEEP ALL Live Sheep and Lambs
	dollars per 100 pounds							
1949	20 04	14 54	17 46	23 71	15 75	20 11	28 47	18 39
1950	24 46	18 91	24 56	29 00	20 85	25 33	27 76	23 21
1951	31 76	25 74	30 45	35 85	27 40	32 30	30 85	28 61
1952	23 95	16 00	19 55	26 10	18 85	21 55	24 45	20 65
1953	18 14	11 48	15 01	22 68	13 87	17 64	27 40	17 39
1954	17 40	10 64	15 15	21 85	13 17	16 99	27 85	15 57
1955	18 45	11 85	16 04	23 30	13 95	18 45	22 05	15 35
1956	17 91	10 95	16 20	23 20	13 30	17 25	23 40	14 90
1957	17 78	11 90	17 00	23 65	14 23	18 26	28 20	16 28
1958	21 95	16 60	21 60	28 45	19 31	25 02	25 20	17 06
1959	23 85	17 05	22 90	31 75	20 12	24 39	21 30	16 19
1960	21 70	15 50	21 00	30 45	18 32	23 56	21 65	15 78
1961	21 40	15 50	21 45	30 35	18 55	24 35	24 85	14 95
1962	24 85	17 20	24 40	33 35	20 80	27 60	25 65	16 15
1963	23 00	17 10	23 20	32 45	20 20	24 55	24 80	17 00
1964	21 85	15 40	20 85	30 70	18 00	21 05	23 55	17 60
1965	23 25	14 80	22 05	29 80	18 15	21 35	30 65	19 15
1966	25 20	18 85	25 55	34 35	21 40	26 00	33 45	20 00
1967	26 88	19 95	26 55	38 85	22 70	27 35	27 55	18 85
1968	26 85	19 55	26 85	37 90	23 20	28 30	28 10	21 45
1969	29 10	23 95	32 00	42 05	27 40	34 60	35 45	24 15
1970	30 20	23 42	33 00	46 70	28 35	35 85	29 20	26 80
1971	32 40	23 10	33 75	47 10	28 75	36 85	22 85	24 75
1972	35 07	26 45	38 80	53 30	31 86	41 44	34 00	27 80
1973	43 53	35 06	46 76	66 44	38 91	50 90	51 31	39 93
1974	47 41	27 12	40 62	70 30	36 97	41 22	46 12	45 00
1975	40 58	21 27	35 37	44 24	28 63	26 66	62 55	49 22
1976	35 43	22 92	36 02	47 04	27 67	28 74	59 03	50 10
1977	36 47	25 10	37 66	44 37	29 88	30 23	56 78	63 64
1978	53 78	39 93	58 67	74 04	46 21	55 91	67 83	59 12
1979	69 62	56 88	80 49	110 39	64 62	84 58	64 15	82 94
1980	68 80	52 05	76 04	110 56	61 33	80 25	56 67	66 44
1981	70 26	48 10	72 55	108 37	59 31	73 26	67 40	54 82
1982	69 54	46 42	71 81	107 97	56 38	72 43	80 61	45 95

Livestock on Farms

Year	Cattle		Hogs	Sheep	Hens and Chickens*	Turkeys
	Milk Cows Only	All Cattle				
	— thousand animals or birds, June 1 —					
1948	276	801	232	118	6,895	265
1949	258	758	284	99	6,824	326
1950	237	704	261	74	5,402	370
1951	223	671	338	66	6,458	311
1952	219	738	390	72	6,650	435
1953	219	772	265	75	6,330	370
1954	220	792	320	76	6,715	510
1955	221	819	351	76	5,940	550
1956	223	872	311	73	5,990	664
1957	216	885	314	72	6,350	772
1958	209	868	453	78	6,980	932
1959	202	892	503	74	7,000	1,214
1960	198	931	371	76	6,400	880
1961	196	996	432	81	6,267	1,145
1962	185	982	334	76	5,465	970
1963	175	1,066	391	73	5,700	970
1964	172	1,152	460	72	6,270	885
1965	163	1,184	421	61	5,820	1,000
1966	150	1,151	499	51	5,844	1,091
1967	137	1,099	589	45	6,330	925
1968	129	1,029	547	38	6,380	870
1969	121	1,006	615	37	7,340	825
1970	116	1,104	907	40	8,540	900
1971	110	1,138	943	42	7,613	1,033
1972	105	1,210	893	36	7,530	1,000
1973	101	1,247	956	33	4,310	NA
1974	99	1,386	826	26	4,095	NA
1975	96	1,458	582	23	3,787	NA
1976	9[illegible]	1,411	632	21	3,470	NA
1977	91	1,373	650	19	NA	NA
1978	88	1,262	683	20	NA	NA
1979	80	1,227	804	26	NA	NA
1980	80	1,186	823	28	NA	NA
1981	83	1,162	865	35	6,155	697
1982	80	1,125	865	38	NA	NA

* Hens and pullets only since 1973

OTHER PRODUCTS

Year	Farm Products Other Than Crops Or Livestock			
	Honey	Fur	Forest	Total
	-- thousand dollars --			
1948	1.281	1.248	534	3.063
1949	757	1.948	560	3.265
1950	799	2.470	568	3.837
1951	738	2.481	542	3.761
1952	490	2.350	516	3.356
1953	657	2.401	490	3.548
1954	630	3.201	463	4.294
1955	870	3.848	437	5.155
1956	896	3.622	411	4.929
1957	869	3.493	385	4.747
1958	812	3.308	359	4.479
1959	820	3.514	333	4.667
1960	873	3.078	307	4.258
1961	987	2.798	267	4.052
1962	773	3.097	226	4.096
1963	1.117	3.115	186	4.418
1964	1.017	3.111	145	4.273
1965	1.112	4.363	105	5.580
1966	1.379	3.379	117	4.875
1967	1.586	3.102	164	4.852
1968	685	2.827	200	3.712
1969	1.469	2.322	232	4.023
1970	1.520	1.348	250	3.118
1971	1.355	1.088	279	2.722
1972	3.010	1.081	352	4.443
1973	3.874	1.200	400	5.474
1974	3.517	976	378	4.871
1975	3.176	989	362	4.527
1976	4.798	1.320	482	6.600
1977	5.217	1.600	262	7.079
1978	8.019	2.614	258	10.891
1979	9.264	2.568	298	12.130
1980	9.278	2.157	280	11.715
1981	10.748	2.119	1.083	13.950
1982	10.963	1.839	1.054	13.856

RESOURCES

Land Use, Manitoba Farms

Year	— Improved Land — Crops	Pasture	Fallow	Other	Total	Unimproved Land	Total Land
	— thousand hectares —						
1941	2 561	185	1 120	112	3 978	2 858	6 836
1946	2 608	208	1 036	103	3 955	2 791	6 746
1951	2 968	237	1 019	131	4 355	2 820	7 175
1956	3 110	241	1 144	140	4 635	2 622	7 257
1961	3 112	291	1 307	132	4 842	2 511	7 353
1966	3 518	312	1 080	127	5 037	2 686	7 723
1971	3 691	296	1 074	120	5 181	2 511	7 692
1976	3 848	311	934	124	5 217	2 483	7 700
1981	4 420	353	598	133	5 504	2 112	7 616

Farm Numbers and Size

Year	Farms	Average Size Total Hectares	Average Size Improved Hectares
1941	58,024	118	68
1946	54,448	124	72
1951	52,383	137	83
1956	49,201	147	94
1961	43,306	170	112
1966	39,747	194	127
1971	34,981	220	148
1976	32,104	240	162
1981	29,442	259	187

Land Tenure

Year	Area Operated By: Owners	Renters	Owners-renters	Managers	Total Area Owned or Managed	Rented
			— thousand hectares —			
1941	3 744	1 386	1 637	69	4 698	2 138
1946	4 062	973	1 618	94	5 056	1 691
1951	4 264	722	2 019	170	5 580	1 595
1956	4 092	655	2 335	175	5 592	1 665
1961	3 722	552	2 843	236	5 551	1 802
1966	3 878	379	3 228	238	5 938	1 785
1971	3 581	371	3 740	—	5 691	2 001
1976	3 263	479	3 938	—	5 500	2 200
1981	2 668	579	4 369	—	5 098	2 518

Land Use, Manitoba Farms

Year	— Improved Land — Crops	Pasture	Fallow	Other	Total	Unimproved Land	Total Land
				— thousand acres —			
1946	6,445	514	2,560	254	9,773	6,898	16,671
1951	7,335	585	2,519	323	10,762	6,968	17,730
1956	7,686	595	2,828	345	11,454	6,478	17,932
1961	7,689	720	3,230	325	11,964	6,206	18,170
1966	8,694	770	2,669	313	12,446	6,638	19,084
1971	9,122	731	2,655	296	12,804	6,204	19,008
1976	9,508	769	2,308	306	12,891	6,135	19,026
1981	10,923	871	1,479	328	13,601	5,218	18,819

Farm Numbers and Size

Year	Farms	Average Size Total Acres	Average Size Improved Acres
1941	58,024	291	169
1946	54,448	306	179
1951	52,383	338	205
1956	49,201	364	233
1961	43,306	420	276
1966	39,747	480	313
1971	34,981	543	366
1976	32,104	593	402
1981	29,442	639	462

Land Tenure

Year	Area Operated By: Owners	Renters	Owners-renters	Managers	Total Area Owned or Managed	Rented
			— thousand acres —			
1941	9,252	3,424	4,044	171	11,609	5,283
1946	10,038	2,404	3,997	232	12,494	4,178
1951	10,536	1,784	4,989	421	13,788	3,942
1956	10,111	1,618	5,770	433	13,818	4,113
1961	9,196	1,365	7,026	583	13,716	4,454
1966	9,584	936	7,977	587	14,673	4,411
1971	8,849	917	9,242	—	14,063	4,945
1976	8,112	1,183	9,731	—	13,591	5,435
1981	6,592	1,430	10,797	—	12,596	6,223

Farm and Total Population

Year	Farms	Farm Population	Manitoba Population	Percent Farm of Total
1941	58,024	249,599	729,744	34.2
1946	54,448	224,919	726,923	30.9
1951	52,383	219,233	776,541	28.2
1956	49,201	202,163	850,040	23.8
1961	43,306	172,946	921,686	18.8
1966	39,747	161,662	963,066	16.8
1971	34,981	131,202	988,247	13.3
1976	32,104	114,115	1,021,506	11.2
1981	29,442	98,375	1,026,241	9.6

Farm Labour Force

Year	Male	Female	Total
1941	90,774	1,505	92,279
1951	70,109	3,586	73,695
1961	51,700	7,601	59,301
1971	48,445	39,040	87,485
1981	N/A	N/A	N/A

Capital Investment

Year	Land and Buildings	Machinery and Equip.	Livestock	Total	Per Farm
	— million dollars —				$
1941	229	59	51	339	5,800
1946	339	94	71	504	9,300
1951	529	232	156	917	17,500
1956	604	244	110	958	19,500
1961	720	272	162	1,154	26,600
1966	1,178	380	199	1,757	44,200
1971	1,374	412	270	2,056	58,800
1976	3,206	960	367	4,535	141,300
1981	7,836	1,823	792	10,451	355,000

Home-Grown Grain Used On Manitoba Farms

Crop Year	Wheat	Oats	Barley	Wheat	Oats	Barley
	— 000 tonnes —			— million bushels —		
1947 - 1948	245	432	370	9	28	17
1948 - 1949	272	540	457	10	35	21
1949 - 1950	218	494	435	8	32	20
1950 - 1951	218	494	348	8	32	16
1951 - 1952	218	555	435	8	36	20
1952 - 1953	218	540	544	8	35	25
1953 - 1954	218	524	414	8	34	19
1954 - 1955	245	416	370	9	27	17
1955 - 1956	218	540	457	8	35	21
1956 - 1957	218	601	283	8	39	13
1957 - 1958	218	601	348	8	39	16
1958 - 1959	327	679	327	12	44	15
1959 - 1960	245	648	261	9	42	12
1960 - 1961	299	648	261	11	42	12
1961 - 1962	245	540	218	9	35	10
1962 - 1963	381	787	174	14	51	8
1963 - 1964	381	802	174	14	52	8
1964 - 1965	381	787	196	14	51	9
1965 - 1966	354	879	196	13	57	9
1966 - 1967	327	848	283	12	55	13
1967 - 1968	354	771	305	13	50	14
1968 - 1969	435	694	479	16	45	22
1969 - 1970	463	848	588	17	55	27
1970 - 1971	408	941	588	15	61	27
1971 - 1972	299	894	762	11	58	35
1972 - 1973	680	725	784	25	47	36
1973 - 1974	517	771	806	19	50	37
1974 - 1975	327	524	566	12	34	26
1975 - 1976	351	484	435	13	31	20
1976 - 1977	381	617	457	14	40	21
1977 - 1978	313	580	534	12	38	24
1978 - 1979	264	580	702	10	38	32
1979 - 1980	382	347	756	14	22	35
1980 - 1981	274	251	639	10	16	29
1981 - 1982	300	348	841	11	23	39

Note: These columns represent both feed and seed. The section on Sources and Methods at end of publication gives further explanation.

Machinery on Farms, 1951 - 1981

Year	Tractors	Trucks	Combines	Swathers	Balers
1951	50.984	21.163	15.268	—	—
1956	59.265	28.556	21.425	—	—
1961	61.463	31.806	23.662	20.408	8.573
1966	65.552	36.689	24.815	23.530	12.712
1971	64.587	41.306	23.325	23.833	13.472
1976	67.077	49.844	23.467	23.843	14.173
1981	67.342	54.070	22.631	24.291	15.694

Farm Machinery Sales, 1948 - 1982

Year	Tractors	Combines	Swathers	Balers
1948	4.945	2.320	1.546	—
1949	7.741	2.288	1.822	—
1950	6.179	2.079	1.370	—
1951	5.510	2.704	1.997	—
1952	4.508	2.675	1.761	—
1953	3.663	1.899	1.291	—
1954	2.250	669	571	—
1955	2.216	892	679	—
1956	2.189	1.101	1.443	—
1957	2.015	877	861	963
1958	2.263	739	—	1.157
1959	2.486	1.009	768	1.547
1960	2.461	1.079	783	1.518
1961	1.803	496	743	1.043
1962	2.298	1.228	1.221	1.807
1963	2.735	1.378	1.328	1.187
1964	3.221	1.572	2.231	1.399
1965	3.037	1.900	2.339	1.212
1966	3.692	1.702	1.709	1.021
1967	2.973	1.454	1.830	642
1968	1.949	1.223	1.763	562
1969	1 610	642	1.100	537
1970	1.482	393	606	489
1971	1.138	482	772	485
1972	1.583	506	958	595
1973	2.371	856	1.462	779
1974	2.622	675	939	731
1975	2.823	856	1.471	1.007
1976	2.730	604	1.515	1.163
1977	2.190	1.012	1.131	850
1978	2.485	695	NA	297
1979	2.610	1.018	1.191	817
1980	2.251	781	1.249	810
1981	2.132	1.056	1.328	645
1982	1.787	636	977	465

FERTILIZER SALES

Year Ending June 30	Materials (tonnes)	Mixtures (tonnes)	Total (tonnes)	Materials (tons)	Mixtures (tons)	Total (tons)
1956	13 408	617	14 025	14,780	680	15,460
1957	13 526	684	14 210	14,910	754	15,664
1958	14 042	736	14 777	15,478	811	16,289
1959	18 329	807	19 136	20,204	890	21,094
1960	19 602	777	20 379	21,607	857	22,464
1961	26 022	1 130	27 152	28,684	1,246	29,930
1962	30 004	1 802	31 806	33,073	1,986	35,059
1963	41 376	1 376	42 752	45,608	1,517	47,125
1964	51 918	2 377	54 295	57,229	2,620	59,849
1965	65 104	2 420	67 525	71,764	2,668	74,432
1966	135 560	3 590	139 150	149,427	3,957	153,384
1967	160 425	3 902	164 327	176,835	4,301	181,136
1968	216 288	3 547	219 775	238,352	3,910	242,262
1969	124 874	3 888	128 763	137,648	4,286	141,934
1970	116 632	3 706	120 338	128,563	4,085	132,648
1971	172 860	4 354	177 213	190,542	4,799	195,341
1972	189 251	7 255	196 506	208,610	7,997	216,607
1973	271 469	6 125	277 593	299,238	6,751	305,989
1974	317 689	8 553	326 242	350,192	9,428	359,620
1975	340 129	4 521	344 650	374,928	4,983	379,911
1976	363 771	5 587	369 358	400,989	6,159	407,148
1977	360 072	7 037	367 109	396,908	7,757	404,665
1978	451 158	4 650	455 808	497,317	5,126	502,443
1979	538 900	4 800	543 700	594,029	5,291	599,320
1980	545 900	2 200	548 100	601,746	2,425	604,171
1981	513 000	4 000	517 000	565,480	4,409	569,889
1982	517 800	3 500	521 300	570,600	3,900	574,500

FIELD CROPS TREATED WITH HERBICIDES

Year	Hectares — 000 —	Acres — 000 —	Year	Hectares — 000 —	Acres — 000 —
1952	702	1,735	1964	1 372	3,390
1953	573	1,415	1965	1 741	4,301
1954	443	1,095	1966	1 814	4,483
1955	860	2,126	1967	1 888	4,666
1956	1 204	2,975	1968	2 051	5,067
1957	1 218	3,011	1969	1 671	4,130
1958	845	2,089	1970	1 429	3,530
1959	825	2,038	1971	1 609	3,975
1960	1 090	2,693	1972	1 796	4,439
1961	602	1,488	1973	2 085	5,153
1962	1 180	2,916	1974	2 077	5,130
1963	1 307	3,229	1975	1 797	4,439

* No estimates since 1975.

FARM FINANCES

Farm Input Price Indices
Western Canada (1971 = 100)

Year	Building and Fencing	Machinery Replacement	Machinery Operation	Crop Production	Animal Production	Supplies and Services	Hired Farm Labour	Total Farm Inputs
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	110.4	103.2	103.8	103.7	111.6	103.1	108.6	107.0
1973	124.2	107.2	108.7	119.7	152.7	109.6	124.1	125.0
1974	144.6	120.3	122.0	191.6	162.3	121.1	148.3	145.3
1975	156.6	139.6	142.1	236.6	161.0	136.5	176.3	164.0
1976	173.8	148.6	158.0	229.5	163.2	150.1	203.4	174.9
1977	187.3	159.6	170.2	219.7	162.4	161.1	225.8	179.5
1978	204.8	175.7	178.7	227.4	209.5	172.7	239.9	203.0
1979	228.8	198.4	192.9	251.2	265.4	190.1	254.1	237.9
1980	240.1	223.3	223.9	313.5	261.8	207.5	272.3	261.7
1981	262.4	247.9	273.5	358.5	267.4	244.6	291.1	303.2
1982	278.6	264.9	308.2	337.4	261.8	268.4	309.9	312.3

Farm Input Price Index

This index measures the impact of price changes on the cost of a constant base-year basket of capital material and service inputs. Items included are weighted according to relative importance and grouped according to farm use. The groups in the above table consist of the following sub groups or items.

Building and Fencing — includes building replacement and repairs (materials and labour) and fencing construction and repairs.

Machinery Replacement — (1) includes tractors, combines, ploughs, disc harrows, grain drills, manure spreaders, balers, automobiles and trucks.

Machinery and Motor Vehicle Operation — (1) includes petroleum products, maintenance, licence and motor vehicle insurance.

Crop Production — (2) includes grain legume and grass seed, fertilizer, pesticides and twine.

Animal Production — (2) includes feeder livestock — cattle, hogs, chick and turkey poults feed — prepared and grain feed, and artificial insemination.

Supplies and Services — includes small tools, electricity, telephone and custom work.

Hired Labour — includes hourly, daily and monthly rates.

(1) Farm share only
(2) Aggregations of only a partial list of inputs indentifiable to the respective types of farming and should not be construed as production cost indices.

Year	Farm Cash Income			
	Crop Sales	Livestock Sales	Other Sources	Total
	— thousand dollars —			
1948	149,888	91,319	5,070	246,277
1949	152,472	89,828	4,734	247,034
1950	103,755	89,945	5,267	198,967
1951	167,952	98,770	5,289	272,011
1952	152,255	87,135	4,495	243,885
1953	130,172	84,299	4,667	219,138
1954	93,497	88,917	5,901	188,315
1955	79,121	87,825	11,423	178,369
1956	114,421	88,360	8,264	211,045
1957	97,046	94,782	6,304	198,132
1958	100,752	115,667	14,384	230,803
1959	112,999	109,284	8,245	230,528
1960	113,719	103,086	16,032	232,837
1961	114,253	119,657	8,851	242,761
1962	136,379	109,213	17,125	262,717
1963	147,707	116,270	7,771	271,748
1964	170,778	122,823	7,929	301,530
1965	184,173	149,892	8,548	342,613
1966	200,084	168,704	9,091	377,879
1967	193,198	172,997	8,607	374,802
1968	187,754	170,703	6,406	364,863
1969	168,823	175,081	7,162	351,066
1970	128,703	201,087	11,637	341,427
1971	165,596	193,326	10,661	369,583
1972	235,561	237,785	18,834	492,180
1973	285,653	327,613	18,119	631,385
1974	486,070	335,523	8,939	830,532
1975	572,231	350,536	19,836	942,603
1976	506,250	358,645	30,122	895,017
1977	491,632	382,535	25,115	899,282
1978	617,568	486,910	27,654	1,132,132
1979	735,570	553,932	18,850	1,308,352
1980	851,920	581,936	29,743	1,436,599
1981	1,007,613	598,932	58,625	1,665,170
1982	1,001,153	661,245	23,679	1,686,077

Farm Cash Income From Crop Sales

Year	Wheat	Oats	Barley	Flaxseed	Other Crops	Total Crops
			— thousand dollars —			
1948	74,798	11,009	22,446	31,408	10,227	149,888
1949	99,019	13,639	23,493	6,580	9,741	152,472
1950	45,387	12,985	29,656	6,732	8,995	103,755
1951	87,524	19,861	39,885	10,645	10,037	167,952
1952	72,289	15,656	43,449	11,578	9,283	152,255
1953	63,175	13,143	36,981	8,003	8,870	130,172
1954	36,149	10,330	29,396	7,557	10,065	93,497
1955	29,975	6,331	24,266	10,394	8,155	79,121
1956	50,534	11,641	23,594	16,611	12,041	114,421
1957	46,18-	10,354	14,425	11,143	14,940	97,046
1958	58,122	7,649	16,156	7,952	10,873	100,752
1959	66,990	6,548	18,724	11,113	9,624	112,999
1960	66,349	6,378	15,108	12,189	13,695	113,719
1961	81,410	5,522	10,367	12,603	4,351	114,253
1962	77,416	10,129	11,395	20,654	16,785	136,379
1963	91,003	12,478	9,362	16,707	18,157	147,707
1964	99,832	12,423	10,059	29,323	19,141	170,778
1965	110,968	11,593	12,172	25,320	24,120	184,173
1966	114,363	14,457	13,936	33,996	23,332	200,084
1967	120,418	12,171	15,830	20,655	24,124	193,198
1968	109,486	11,292	17,127	15,192	34,657	187,754
1969	72,057	12,886	13,268	25,685	44,927	168,823
1970	72,317	6,347	21,472	17,613	10,954	128,703
1971	77,144	7,747	31,961	14,710	34,034	165,596
1972	113,272	11,553	45,302	12,988	52,446	235,561
1973	120,963	15,684	69,946	38,535	40,525	285,653
1974	225,296	14,649	100,889	61,350	83,886	486,070
1975	287,418	28,879	99,019	38,140	118,775	572,231
1976	243,167	23,883	80,402	39,878	118,920	506,250
1977	182,541	22,154	70,868	42,100	173,989	491,632
1978	234,190	15,685	99,335	54,597	213,761	617,568
1979	281,272	6,198	102,944	77,173	267,983	735,570
1980	384,023	4,906	93,564	92,919	276,508	851,920
1981	474,556	6,973	148,001	74,566	303,517	1,007,613
1982	504,995	7,518	153,635	56,988	278,017	1,001,153

Farm Cash Income From Livestock Sales

Year	Cattle & Calves	Hogs	Sheep & Lambs	Dairy & Supplementary Payments	Poultry & Eggs	Total
			— thousand dollars —			
1948	38,672	14,528	743	22,874	14,502	91,319
1949	39,156	16,388	755	19,599	13,930	89,828
1950	44,526	15,098	652	17,366	12,303	89,945
1951	44,135	17,275	632	19,785	16,943	98,770
1952	30,531	19,052	515	19,997	17,040	87,135
1953	28,452	14,755	443	21,379	19,270	84,299
1954	30,046	16,441	411	21,874	20,145	88,917
1955	28,153	16,405	454	22,806	20,007	87,825
1956	28,356	14,996	406	23,051	21,551	88,360
1957	35,105	15,717	449	22,834	20,677	94,782
1958	46,556	20,501	484	25,040	23,086	115,667
1959	39,920	23,185	461	24,144	21,574	109,284
1960	40,298	17,884	466	23,868	20,570	103,086
1961	51,535	22,356	527	24,084	21,155	119,657
1962	44,074	20,628	445	24,096	19,970	109,213
1963	48,095	19,440	523	23,984	24,228	116,270
1964	51,026	23,582	544	23,699	23,972	122,823
1965	71,573	27,415	462	24,209	26,233	149,892
1966	78,326	35,084	346	24,484	30,464	168,704
1967	80,557	37,280	325	27,390	27,445	172,997
1968	76,234	36,074	244	28,388	29,763	170,703
1969	68,167	44,324	255	27,592	34,743	175,081
1970	81,239	58,021	213	27,247	34,367	201,087
1971	85,593	51,211	362	27,642	28,518	193,326
1972	105,548	66,293	362	32,096	33,486	237,785
1973	132,136	104,071	402	36,909	54,095	327,613
1974	131,791	94,758	497	52,246	56,231	335,523
1975	152,366	87,866	390	60,273	49,641	350,536
1976	158,042	79,981	355	61,498	58,769	358,645
1977	183,188	78,129	345	63,338	57,535	382,535
1978	254,099	105,128	486	67,705	59,492	486,910
1979	294,217	117,147	806	73,176	68,586	553,932
1980	307,302	112,635	1,004	85,606	75,389	581,936
1981	276,618	138,112	1,099	96,938	86,165	598,932
1982	296,933	170,433	1,236	106,036	86,607	661,245

Farm Cash and Overhead Expenses

Year	Machinery Operation	Depreciation Buildings & Machinery	Interest on Debt	Rent & Taxes	Hired Labour	Feed & Seed Bought Commercially	Fertilizer	Other	Value
				— thousand dollars —					
1948	28,560	16,548	3,573	18,910	11,383	15,113	849	6,559	101,495
1949	33,612	19,872	3,930	17,764	11,308	14,486	1,345	7,128	109,445
1950	34,890	24,654	4,490	18,462	11,922	11,969	1,698	7,462	115,547
1951	36,169	27,923	5,198	18,504	11,899	10,310	2,107	10,263	122,373
1952	37,457	29,794	5,657	19,040	12,243	9,261	2,684	10,275	126,411
1953	39,064	32,499	5,953	15,715	11,926	8,234	3,377	10,749	127,517
1954	37,342	33,181	6,061	13,416	11,136	9,374	2,386	10,757	123,653
1955	39,251	31,983	6,472	14,467	10,256	10,119	1,526	10,928	125,002
1956	41,176	31,249	6,412	16,759	11,058	11,055	1,571	11,797	131,077
1957	41,682	31,986	6,373	15,379	11,523	10,594	1,666	11,569	130,772
1958	41,396	32,397	6,662	16,862	11,930	12,324	1,584	12,849	136,004
1959	43,585	32,644	7,228	17,536	12,024	12,904	2,120	14,100	142,141
1960	46,518	33,692	7,790	19,166	12,108	13,611	2,213	15,200	150,298
1961	46,028	33,971	8,833	18,882	12,571	14,420	3,494	14,940	153,139
1962	47,540	34,777	10,109	21,110	12,338	21,753	3,237	17,074	167,938
1963	47,953	36,971	11,635	22,290	11,507	17,930	4,558	19,467	172,311
1964	49,613	40,289	14,119	22,339	11,530	19,514	5,925	21,931	185,260
1965	49,989	44,160	15,942	23,434	14,281	19,724	7,564	24,628	199,722
1966	51,551	48,150	17,948	23,829	14,341	24,487	15,302	27,966	223,574
1967	53,438	52,593	20,205	24,749	15,565	32,100	18,521	31,160	248,331
1968	54,919	55,967	23,593	25,961	15,964	28,058	24,772	33,104	262,338
1969	56,353	56,245	27,315	25,241	15,881	28,373	13,050	30,188	252,646
1970	57,573	55,633	22,173	24,938	15,943	29,359	10,906	30,543	247,068
1971	60,949	53,478	22,275	27,272	16,228	33,102	15,780	45,052	274,136
1972	65,567	55,190	31,487	25,253	16,891	39,154	18,903	54,726	307,171
1973	76,247	60,089	28,210	35,301	18,925	55,705	26,708	64,960	366,145
1974	96,805	77,967	38,512	40,800	22,921	76,773	36,732	82,115	472,625
1975	105,862	104,760	43,997	50,074	26,900	79,722	59,390	98,024	568,729
1976	116,982	129,358	57,735	54,549	28,174	86,735	65,274	117,511	656,318
1977	129,142	141,903	63,175	62,836	31,050	87,762	73,516	135,044	724,428
1978	147,582	159,529	81,757	76,015	35,121	91,348	101,402	158,050	850,804
1979	162,145	183,769	118,994	92,966	41,255	120,486	133,540	196,908	1,050,063
1980	180,539	210,291	148,722	104,955	47,215	162,687	145,361	216,180	1,215,950
1981	246,184	249,706	193,584	103,385	63,176	158,356	162,959	247,963	1,425,313
1982	283,406	260,792	173,190	117,219	70,101	155,205	151,226	268,761	1,479,900

Income Summary

Year	Total Cash Receipts	Income in Kind	Realized Gross Income	Operating & Depreciation Cost	Realized Net Income	Value of Inventory Change	Total Net Income
			— million dollars —				
1948	246	17	264	101	162	10	172
1949	247	17	264	109	154	-20	134
1950	199	16	215	116	99	15	115
1951	272	18	290	122	168	9	177
1952	244	17	261	126	135	23	158
1953	219	15	235	128	107	2	109
1954	188	14	202	124	79	-12	66
1955	178	13	191	125	66	18	84
1956	211	13	224	131	93	32	124
1957	198	13	211	131	81	-12	68
1958	231	14	245	136	109	16	124
1959	231	13	243	142	101	-4	97
1960	233	12	245	150	94	8	103
1961	243	12	255	153	102	-57	45
1962	263	11	274	168	106	53	159
1963	272	11	283	172	110	-4	107
1964	302	10	312	185	127	29	156
1965	343	11	354	200	154	10	164
1966	378	10	388	224	165	-27	137
1967	375	10	385	248	136	16	152
1968	365	10	375	262	112	51	163
1969	351	10	362	253	109	9	118
1970	341	10	351	247	104	-15	89
1971	370	9	378	274	104	48	152
1972	492	10	502	307	195	-26	169
1973	631	12	644	366	278	93	371
1974	831	12	842	473	370	-50	319
1975	943	11	954	569	385	12	397
1976	895	12	907	656	251	39	290
1977	899	11	911	724	186	114	300
1978	1,132	16	1,148	851	297	43	340
1979	1,308	18	1,326	1,050	276	-49	227
1980	1,464	17	1,481	1,216	265	-205	60
1981	1,665	18	1,683	1,425	258	187	445
1982	1,685	18	1,703	1,480	224	111	334

Income Per Farm

Year	Farms	Total Net Income (Production Minus Cost)	Cash (Sales)
		— dollars per farm —	
1948	53,600	3,220	4,595
1949	53,100	2,517	4,652
1950	52,700	2,178	3,776
1951	52,383	3,377	5,193
1952	52,000	3,042	4,690
1953	51,250	2,128	4,276
1954	50,500	1,312	3,729
1955	49,750	1,693	3,585
1956	49,201	2,525	4,290
1957	47,900	1,423	4,136
1958	46,700	2,660	4,942
1959	45,600	2,134	5,055
1960	44,400	2,317	5,244
1961	43,306	1,035	5,606
1962	42,600	3,022	6,167
1963	41,900	2,543	6,486
1964	41,200	3,780	7,319
1965	40,500	4,053	8,460
1966	39,747	3,459	9,507
1967	38,700	3,934	9,685
1968	37,700	4,319	9,678
1969	36,700	3,210	9,566
1970	35,800	2,480	9,537
1971	34,981	4,350	10,565
1972	34,400	4,902	14,308
1973	33,825	10,957	18,666
1974	33,250	9,605	24,978
1975	32,675	12,144	28,847
1976	32,104	9,036	27,879
1977	31,600	9,505	28,458
1978	31,000	10,969	36,520
1979	30,500	7,419	42,897
1980	30,000	1,991	48,787
1981	29,442	15,123	56,558
1982	29,300	11,421	57,507

Price Index of Farm Products

(1971 = 100)

1955	84	1962	104	1969	102	1976	211
1956	85	1963	101	1970	101	1977	202
1957	83	1964	98	1971	100	1978	232
1958	90	1965	102	1972	119	1979	272
1959	90	1966	109	1973	193	1980	297
1960	91	1967	108	1974	235	1981	317
1961	98	1968	103	1975	228	1982	310

Comparative Precipitation at Winnipeg

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
						— millimetres —							
1957	18	24	26	40	44	127	43	90	61	30	18	6	525
1958	11	16	9	30	11	69	144	24	20	39	81	28	482
1959	6	25	25	17	118	59	91	100	97	87	18	10	653
1960	18	11	31	50	34	55	17	78	24	47	12	19	396
1961	3	42	14	43	10	3	84	4	58	25	4	31	321
1962	22	40	30	17	132	54	155	174	16	18	55	11	722
1963	7	30	18	90	66	87	54	53	16	20	15	27	482
1964	17	5	50	54	34	119	22	71	34	6	16	30	460
1965	6	14	14	65	91	60	80	34	65	14	44	38	526
1966	9	10	41	47	38	36	86	105	18	22	26	21	460
1967	21	9	18	73	28	50	111	57	23	45	15	21	470
1968	21	5	13	32	99	83	144	143	59	40	4	9	652
1969	48	9	10	25	77	105	101	57	61	27	9	19	548
1970	23	15	27	65	87	50	70	75	112	27	27	23	601
1971	11	5	44	60	47	76	115	17	50	72	22	6	524
1972	16	10	20	13	29	50	60	103	61	25	10	25	424
1973	2	6	14	21	103	88	123	66	82	37	40	19	602
1974	39	11	15	59	156	18	32	110	45	5	6	13	510
1975	46	16	19	46	48	120	58	133	42	38	13	17	595
1976	30	23	23	32	10	182	37	59	10	2	1	18	428
1977	12	21	10	5	178	88	85	90	148	30	28	19	715
1978	10	8	11	23	123	51	61	18	83	10	43	21	462
1979	9	20	45	74	93	65	23	76	25	15	15	11	472
1980	34	18	13	0	8	45	24	110	86	33	25	11	405
1981	23	3	15	13	48	90	39	104	72	60	6	7	480
1982	26	8	36	13	23	54	107	59	58	62	6	32	484
Average 1957 - 1982	19	16	23	39	67	72	76	77	55	32	22	19	515

Comparative Precipitation at Winnipeg

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
						— inches —							
1957	0.70	0.95	1.01	1.56	1.73	5.00	1.68	3.50	2.40	1.18	0.70	0.25	20.66
1958	0.44	0.63	0.35	1.20	0.42	2.70	5.65	0.96	0.80	1.55	3.20	1.09	18.99
1959	0.22	0.98	1.00	0.67	4.63	2.33	3.57	3.94	3.83	3.44	0.71	0.38	25.70
1960	0.69	0.45	1.21	1.96	1.34	2.18	0.67	3.09	0.93	1.84	0.48	0.75	15.59
1961	0.11	1.64	0.53	1.70	0.39	0.13	3.29	0.16	2.30	1.00	0.17	1.21	12.63
1962	0.87	1.57	1.19	0.67	5.21	2.11	6.11	6.83	0.62	0.73	2.15	0.42	28.48
1963	0.26	1.16	0.73	3.56	2.59	3.43	2.12	2.09	0.63	0.79	0.58	1.05	18.99
1964	0.66	0.20	1.98	2.14	1.34	4.69	0.88	2.80	1.36	0.23	0.62	1.20	18.10
1965	0.22	0.55	0.53	2.55	3.60	2.37	3.15	1.36	2.55	0.57	1.74	1.51	20.70
1966	0.37	0.41	1.61	1.85	1.50	1.41	3.38	4.14	0.71	0.85	1.03	0.83	18.09
1967	0.81	0.37	0.69	2.86	1.11	1.98	4.37	2.25	0.89	1.78	0.58	0.83	18.52
1968	0.84	0.19	0.52	1.27	3.90	3.26	5.66	5.63	2.31	1.59	0.15	0.35	25.67
1969	1.87	0.34	0.39	1.00	3.02	4.13	3.99	2.25	2.40	1.07	0.37	0.74	21.57
1970	0.90	0.59	1.08	2.57	3.41	1.99	2.74	2.95	4.41	1.05	1.05	0.92	23.66
1971	0.42	0.18	1.72	2.37	1.85	2.99	4.53	0.67	1.96	2.84	0.88	0.23	20.64
1972	0.63	0.41	0.79	0.51	1.14	1.98	2.37	4.06	2.41	0.97	0.41	1.00	16.68
1973	0.10	0.25	0.54	0.83	4.06	3.47	4.84	2.58	3.23	1.46	1.58	0.75	23.69
1974	1.54	0.44	0.60	2.31	6.14	0.70	1.26	4.32	1.81	0.21	0.22	0.51	20.06
1975	1.80	0.61	0.74	1.80	1.86	4.73	2.29	5.22	1.64	1.50	0.51	0.67	23.37
1976	1.17	0.91	0.91	1.24	0.41	7.19	1.45	2.32	0.39	0.10	0.03	0.72	16.84
1977	0.49	0.82	0.39	0.20	7.00	3.48	3.36	3.53	5.83	1.19	1.12	0.74	28.15
1978	0.40	0.30	0.45	0.90	4.83	2.03	2.38	0.73	3.25	0.40	1.68	0.82	18.17
1979	0.35	0.79	1.78	2.89	3.67	2.56	0.91	3.00	0.98	0.61	0.58	0.44	18.56
1980	1.34	0.69	0.52	0	0.31	1.77	0.93	4.32	3.37	1.30	0.98	0.43	15.96
1981	0.91	0.13	0.57	0.50	1.87	3.56	1.54	4.08	2.85	2.35	0.23	0.29	18.88
1982	1.01	0.31	1.41	0.52	0.92	2.13	4.21	2.32	2.29	2.44	0.22	1.25	19.04
Average													
1957 - 1982	0.75	0.63	0.91	1.54	2.64	2.83	2.99	3.03	2.17	1.26	0.87	0.75	20.28

Seasonal Data

Year	Assiniboine River Entirely Clear of ice at Winnipeg	Date Wheat Seeding Became General	Wheat Harvest Begun Generally	Ground Frozen So as to Stop Plowing Generally
1948	April 24	May 12	Aug. 19	Nov. 10
1949	April 16	May 2	Aug. 8	Nov. 19
1950	April 24	May 29	Sept. 2	Nov. 11
1951	April 20	May 11	Aug. 15	Oct. 31
1952	April 18	April 19	Aug. 8	Nov. 24
1953	April 15	May 5	Aug. 15	Nov. 21
1954	April 18	May 18	Aug. 16	Nov. 25
1955	April 11	May 20	Aug. 5	Nov. 2
1956	April 26	May 14	Aug. 15	Nov. 10
1957	April 19	May 4	Aug. 15	Nov. 15
1958	April 10	April 22	Aug. 20	Nov. 17
1959	April 15	April 23	Aug. 13	Nov. 3
1960	April 16	May 21	Aug. 19	Nov. 7
1961	April 21	May 15	Aug. 14	Nov. 5
1962	April 26	June 5	Sept. 3	Nov. 15
1963	April 12	June 1	Aug. 10	Nov. 20
1964	April 22	May 18	Aug. 17	Nov. 10
1965	April 16	May 26	Aug. 17	Nov. 7
1966	April 13	May 25	Aug. 23	Nov. 4
1967	April 23	May 20	Aug. 19	Nov. 21
1968	April 12	May 22	Aug. 27	Nov. 7
1969	April 19	May 21	Aug. 26	Nov. 11
1970	April 25	June 2	Aug. 25	Nov. 16
1971	April 19	May 18	Aug. 26	Oct. 30
1972	April 20	May 15	Aug. 29	Oct. 27
1973	April 5	May 10	Aug. 23	Oct. 30
1974	April 20	June 4	Sept. 10	Nov. 18
1975	April 18	May 16	Aug. 21	Nov. 20
1976	April 11	May 11	Aug. 14	Dec. 2
1977	April 12	May 10	Aug. 12	Nov. 22
1978	April 17	May 14	Aug. 31	Nov. 9
1979	April 25	June 7	Sept. 10	Nov. 22
1980	April 2	May 1	Aug. 26	Nov. 26
1981	April 2	May 2	Aug. 25	Nov. 28
1982	April 21	May 10	Aug. 30	Nov. 16

SOURCES AND METHODS

Preparation of this Yearbook was similar to that used since the series began in 1963. A large percentage of the material presented for the current year is based on preliminary estimates derived from sample data. Revisions of estimates made in previous Yearbooks are included in this report.

The regular statistics program of Manitoba Agriculture is the major source of material for the Yearbook. This involves close cooperation with Statistics Canada and coordination of information from many sources, including Agriculture Canada, other government and private agencies and business firms dealing in farm products and supplies. Farmers contributed through livestock and crop reporting, as did field and other staff members of Manitoba Agriculture. Basic data from Statistics Canada were derived from mail surveys in cooperation with Manitoba Agriculture. Survey samples vary from one percent to ten percent of farmers, depending on the type of information required.

Regional data for crop districts in the Yearbook can be supplemented by more detailed data for municipalities from the 1981 Census of Agriculture. The Census also provides some information on features of agriculture not covered in this Yearbook. Census division and crop district boundaries were changed in 1976 and Statistics Canada's estimates of crop production using the new boundaries were first made in 1977. Thus, small area estimates since 1977 are not comparable with earlier data.

Some figures may not add due to rounding.

Crops

Total Value of Production. This includes all crops grown on farms in the current year for sale, feed, seed and home consumption at prevailing market prices during the crop year. Disposal of these crops for various uses in the current or subsequent years may have very little effect on the total value. With few exceptions, production value for each crop represents value to the producer.

Prices. Prices used to calculate production value for most crops are those farmers receive at the shipping point. This is regarded as farm value because freight, handling and other marketing charges are deducted. Transport costs incurred by farmers in delivering grain to elevators are included with farm expenses. Average prices for all crops are estimated final prices, based on Manitoba Agriculture market outlook work. As a result, production value is more comparable with previous years, since initial payments would grossly underestimate crop value. Prices are subject to revision after all relevant sales and payments have been made. Small revisions will be necessary in current prices of crops when more information on sales and payments is available.

Areas. For major crops areas are estimated by Statistics Canada in cooperation with Manitoba Agriculture. Minor crops, such as sugar beets, sunflowers and mustard seed, are estimated through contacts with dealers, processors and Department field staff. Estimates, in most cases, are for seeded area while yields are reported on the land devoted to a crop at seeding time. Oats and barley are on a harvested area basis. The November estimate (Statistics Canada 22-002) contains latest area in yield estimates, with a few exceptions as noted.

Yields. Major crop yields are derived from Statistics Canada surveys, integrated with the Manitoba crop reporting program. Minor crops are estimated mainly through the latter and revised as market data require. In some cases, yield multiplied by area may not exactly equal production, due to the rounding of one or more of the three items.

Wheat. Quality data on protein content are obtained from the Canadian Grain Commission. Distribution by grade is based on Wheat Board Special Questionnaire No. 1, November when elevator agents estimate the amounts of deliverable grain in each grade. Initial payments to producers are reported by the Wheat Board. Thunder Bay selling prices are recorded by the Canadian Grain Commission. Prices listed are rounded to the nearest cent while marketing data are provided by the Canadian Grain Commission. Such data are also published by Statistics Canada in Coarse Grains Quarterly and Wheat Review.

Oats and Barley. Distribution by grades and initial payments have the same sources as wheat. Since private firms, in addition to the Wheat Board, sell these grains, Lakehead selling prices are Winnipeg Commodity Exchange cash quotations. Final prices are more closely represented than the Wheat Board selling price alone. Marketing data are from the same sources as wheat.

Flaxseed, Canola (rapeseed) and Other Crops. These were treated, for the most part, similarly to the above. Regional data were not always available but verbal description was used when possible. Sugar beets are on a harvested area basis. Values are at the factory level, obtained from the Manitoba Sugar Company, except for the current crop which is estimated. Deduction of freight would not allow the remaining figure to indicate properly the actual sugar beet price, as it would vary considerably depending on the farm location. Forage seed data are from Plant Products Division, Agriculture Canada and the forage specialist, Manitoba Agriculture.

Horticultural Crops. Included are vegetables, potatoes, fruit and ornamentals. The commercial vegetable area and prices are estimated jointly by Statistics Canada and Manitoba Agriculture. An estimate of minor crops, such as peppers, eggplants, vine and specialty crops, is included in the value of vegetable production. Value of noncommercial vegetables represents the value of home-grown vegetables in the province. Processing potato area was obtained from the processors.

Different levels of prices were used with respect to processing, fresh market and farm-consumed potatoes to arrive at the total value. Other horticultural values, including fruits and ornamentals, are derived also in consultation with the provincial horticulturists.

In addition to the major crops listed, production of field beans, fababeans, canary grass seed and lentils also took place.

Livestock

Production value of cattle and hogs includes inventory change. A gain in numbers on farms is a part of production but a decline during the year is a loss in production. Inventory figures are from Statistics Canada surveys. Animals in the category "local slaughterings" are those farmers kill and eat, kill and sell, or sell locally for slaughter and consumption. These animals, as well as commercial marketings, are a part of production. Inshipments are those animals (1) returned to farms for further feeding after being marketed from other Manitoba farms or (2) brought in from other provinces, usually Saskatchewan. To avoid double counting in the value of production, inshipments are deducted. Commercial marketings include direct exports to other provinces and the United States of animals which do not go through the stockyards but are of Manitoba origin.

Total values of all classes of livestock marketed were estimated from Agriculture Canada's publication "Canada Livestock and Meat Trade Report". From these figures the dollar value per animal, less marketing costs, is calculated and applied to animals produced.

Market and Quality. Data for cattle and hogs are obtained principally from Agriculture Canada's publication "Canada Livestock and Meat Trade Report". Prices are from the same Department and pertain to Stockyard sales, upon which the value of all marketings is based. Calves are defined, generally, as under one year of age or 249 kilograms (550 pounds).

Sheep. Sources are the same as those for cattle and hogs. Production calculation is based on marketings only, due to the small number involved. Wool sources are from Statistics Canada's publications 23-203, 23-204 and 23-205.

Dairy. Production figures are obtained from Statistics Canada, primarily publication 23-001. Production values and itemization were supplied by the Agricultural Division of Statistics Canada. The supplementary payments were not allocated to the different classes of milk but were added in the total value of dairy production.

Poultry. Inventory figures are from the same source as other livestock. Monthly prices are the average of recorded weekly prices from Agriculture Canada. Production values for eggs were obtained from Statistics Canada, publication 23-003. The value for hatching eggs was estimated by Manitoba Agriculture.

Broiler production was calculated on the basis of registered marketings. Roasting chickens were calculated according to placements as indicated by Agriculture Canada's Hatchery Outlook publication and allowing for a ten percent mortality figure. Broiler turkeys are listed equal to registered marketings of turkeys. 4.5359 kilograms and under (ten pounds and under), and roasting birds are estimated according to marketings and other information. Ducks are listed according to marketings plus an on-farm allowance. Geese are shown according to marketings, exports and Agriculture Canada survey data. Poultry meat prices are calculated per bird according to average weights and information on recorded prices by Agriculture Canada.

Other Products

Honey. Production estimates are made cooperatively by Statistics Canada and Manitoba Agriculture.

Fur. Data are obtained from Statistics Canada's publication 23-207. These data cover only production from fur farms.

Forest. Products are those listed as sales in Statistics Canada farm income estimates.

Resources

Most resource information for census years are from Statistics Canada, Census Division. Annual summerfallow estimates since 1976 are made cooperatively by Statistics Canada and Manitoba Agriculture.

Farm Numbers. These are taken from the Census according to the current definition of a farm. In 1966 and 1971, a farm was defined as an agricultural holding of .40469 hectares (one acre) or more with sales during the previous twelve months of $50.00 or more. Previous definitions were less restrictive. The 1981 Census definition is an agricultural holding with sales of agricultural products during the past 12 months of $250.00 or more. Farm estimates for intervening years are unofficial estimates by Manitoba Agriculture.

Labour Force. Statistics are from the Labour Census, Statistics Canada 94-921 and the 1981 Census of Agriculture 96-908. Wage rates in August come from Statistics Canada.

Cash and Overhead Expenses. These data are taken from Farm Operating Expenses and Depreciation Charges published in Statistics Canada's Farm Net Income publication 21-202.

Machinery. Sales data are from the Canadian Farm and Industrial Equipment Institute.

Fertilizer. Sales data are from the Western Canada Fertilizer Association.

Herbicide. Data are obtained from annual Manitoba Agriculture surveys in contact with wholesalers and manufacturers.

Price Index of Purchases by Farmers. These data come from Statistics Canada's publication 62-002, rounded to the nearest whole number. The indices were revised to 1971 and the base year changed from 1961 to 1971.

Land Values

Data were obtained from the records of land sales in Manitoba collected by the Manitoba Agricultural Lands Protection Board.

Income

Cash and net farm income data on a provincial basis are obtained from Statistics Canada publications. Statistics Canada's publication 21-202 (latest available issue) is the source for total cash income. The main source for farm cash details is Statistics Canada's publication 21-001 (latest available issue).

Calculations on a per farm basis are made by Manitoba Agriculture and may not truly reflect exact averages. Census farms, as a basis, are not the only contributors to total sales. Small units, not called farms, do sell produce but it is almost negligible. Per farm figures are rounded to the nearest $100.00. The price index of farm products is obtained from Statistics Canada's publication 62-003, rounded to the nearest whole number and approximated for the current year. Current-year indices are subject to under-representation since they are based on initial prices for grains.

Agriculture In Perspective

Description in relation to Canada makes use of data with the same sources as similar material throughout the Yearbook for Manitoba.

Weather Data

These are obtained on a regular basis for Manitoba Agriculture Reporting Program from the Weather Office, Atmospheric Environment Service, Department of Environment, Room 1000, 266 Graham Avenue, Winnipeg, Manitoba.

Metric Conversion Factors

1 acre = 0.40469 hectares
1 pound = 0.45359 kilograms
1 ounce = 28.35 grams
1 Imperial ton = 0.907185 tonnes
1 Imperial bushel = 0.036368 cubic metres
1 Imperial gallon = 4.546 litres
1 Imperial fluid ounce = 28.413 millilitres
1 foot = 0.3048 metres
1 inch = 2.54 centimetres
°C (Celsius) = 5/9 (°Fahrenheit -32)